

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030824\
 Data File : VW028141.D
 Acq On : 08 Mar 2024 12:08
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 08 22:42:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 08 22:41:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	240945	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	228682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	121316	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	64646	22.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.920%
7) Chloroethane-d5	2.893	69	38830	17.428	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.720%
11) 1,1-Dichloroethene-d2	4.027	65	26720	22.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.960%
21) 2-Butanone-d5	7.075	46	24608	59.977	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.960%
24) Chloroform-d	7.648	84	136832	26.812	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.240%
26) 1,2-Dichloroethane-d4	8.301	65	65308	27.497	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	8.270	84	262696	24.607	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.440%
36) 1,2-Dichloropropane-d6	9.270	67	71375	25.877	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.520%
41) Toluene-d8	10.319	98	250019	24.852	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.400%
43) trans-1,3-Dichloroprop...	10.575	79	32146	26.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.400%
47) 2-Hexanone-d5	10.922	63	23079	59.405	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	61836	28.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.640%
66) 1,2-Dichlorobenzene-d4	13.848	152	91344	25.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.280%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	56329	22.883	ug/L	93
3) Chloromethane	2.222	50	53827	22.998	ug/L	98
5) Vinyl chloride	2.375	62	80807	24.775	ug/L	100
6) Bromomethane	2.789	94	61198	23.518	ug/L	97
8) Chloroethane	2.930	64	28126	13.731	ug/L	96
9) Trichlorofluoromethane	3.271	101	64523	21.209	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	76205	24.094	ug/L #	85
12) 1,1-Dichloroethene	4.051	96	71307	23.807	ug/L	99
13) Acetone	4.118	43	25667	44.756	ug/L	96
14) Carbon disulfide	4.393	76	212806	23.324	ug/L	98
15) Methyl Acetate	4.673	43	22381	27.611	ug/L	96
16) Methylene chloride	4.917	84	78136	23.575	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	79138	24.727	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	105781	26.988	ug/L	99
19) 1,1-Dichloroethane	6.216	63	130744	25.836	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	88743	26.348	ug/L	98
22) 2-Butanone	7.173	43	31234	48.766	ug/L	98
23) Bromochloromethane	7.514	128	40807	25.807	ug/L	96
25) Chloroform	7.679	83	144977	25.649	ug/L	97

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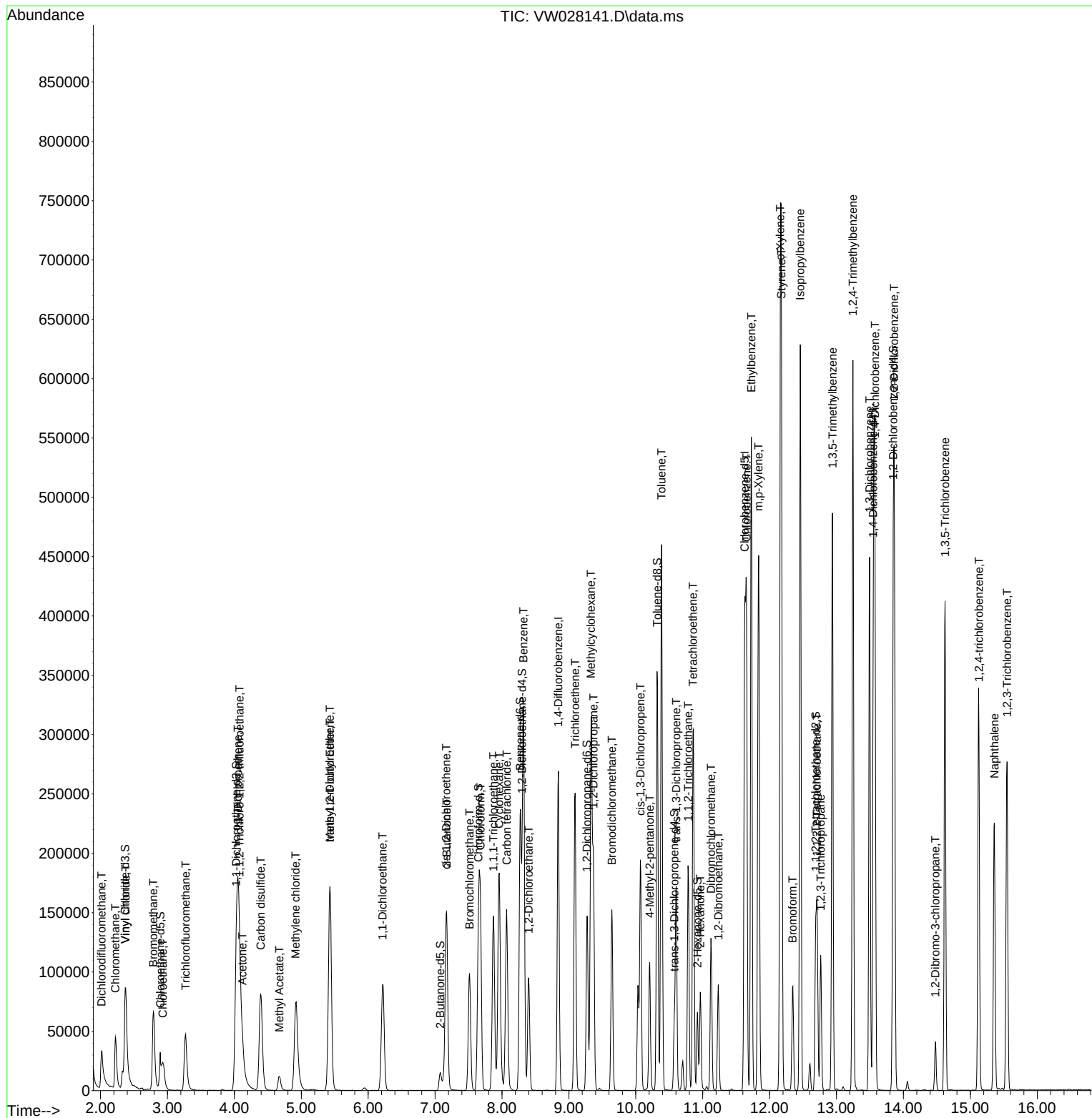
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	91153	27.120	ug/L	99
29) Cyclohexane	7.959	56	104696	23.808	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	125278	24.536	ug/L	99
31) Carbon tetrachloride	8.069	117	119359	25.033	ug/L	98
33) Benzene	8.319	78	303885	24.597	ug/L	100
34) Trichloroethene	9.093	95	88480	24.443	ug/L	95
35) Methylcyclohexane	9.331	83	140713	24.018	ug/L	100
37) 1,2-Dichloropropane	9.367	63	72670	25.259	ug/L	100
38) Bromodichloromethane	9.642	83	106321	25.585	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	121465	25.673	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	63218	55.323	ug/L	98
42) Toluene	10.386	91	349988	25.071	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	101405	26.384	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	60863	25.225	ug/L	95
46) Tetrachloroethene	10.855	164	72233	23.809	ug/L	94
48) 2-Hexanone	10.965	43	46765	50.614	ug/L	99
49) Dibromochloromethane	11.123	129	71213	25.388	ug/L	89
50) 1,2-Dibromoethane	11.233	107	60084	25.854	ug/L	86
51) Chlorobenzene	11.654	112	232600	24.972	ug/L	95
52) Ethylbenzene	11.727	91	394259	24.703	ug/L	96
53) m,p-Xylene	11.837	106	157539	25.441	ug/L	98
54) o-Xylene	12.160	106	147124	25.105	ug/L	97
55) Styrene	12.178	104	254455	25.459	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	67988	26.132	ug/L	91
59) Bromoform	12.343	173	41626	24.203	ug/L	98
60) Isopropylbenzene	12.458	105	415815	24.984	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	46481	24.924	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	275329	25.232	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	329830	25.347	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	190604	24.780	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	198092	25.509	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	170787	24.649	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	10384	26.511	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	134795	23.747	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	115299	25.293	ug/L	95
71) Naphthalene	15.360	128	209147	28.053	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	100536	26.373	ug/L	94

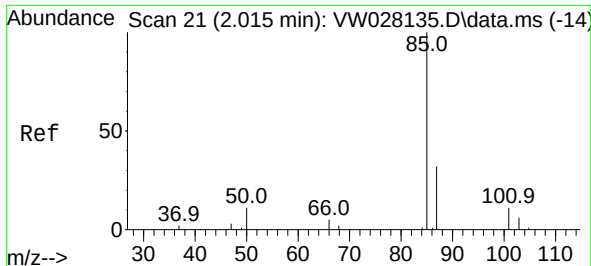
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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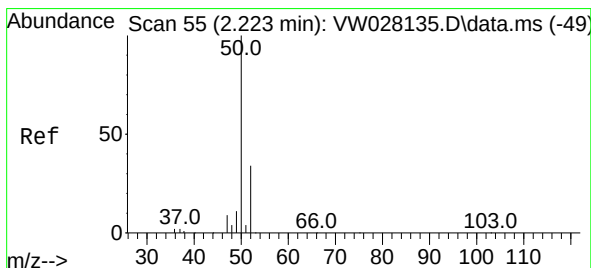
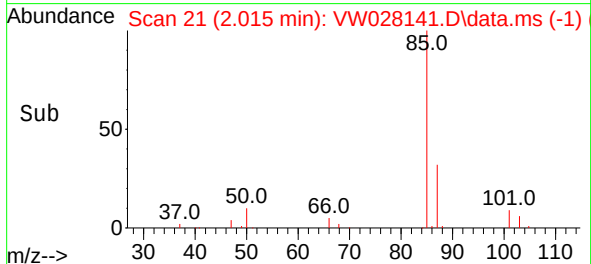
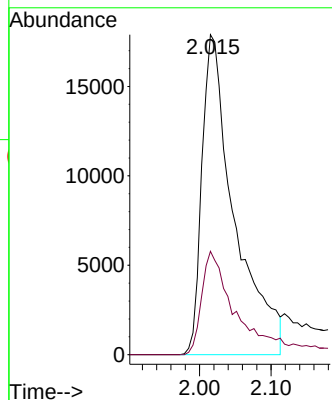
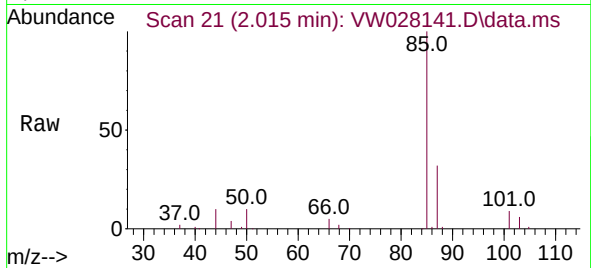




#2
 Dichlorodifluoromethane
 Concen: 22.883 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028141.D
 Acq: 08 Mar 2024 12:08

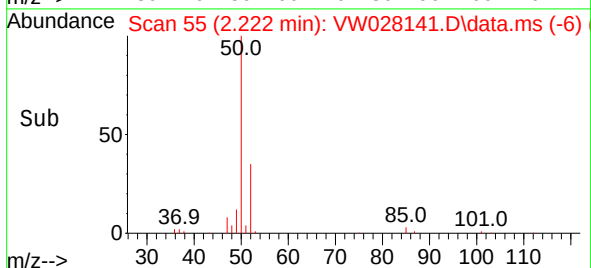
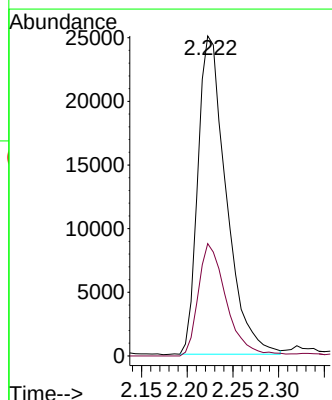
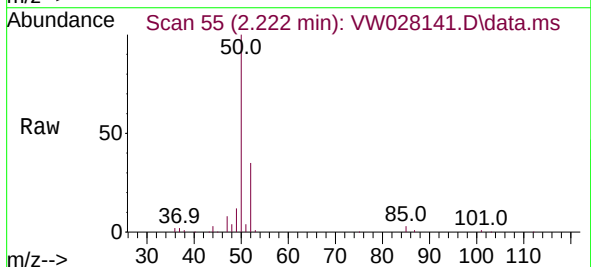
Instrument :
 MSVOA_W
 ClientSampleId :

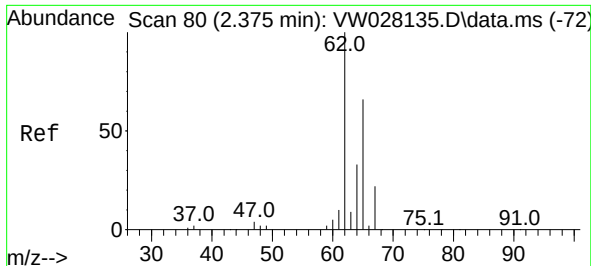
Tgt Ion: 85 Resp: 56329
 Ion Ratio Lower Upper
 85 100
 87 29.5 26.6 39.8



#3
 Chloromethane
 Concen: 22.998 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028141.D
 Acq: 08 Mar 2024 12:08

Tgt Ion: 50 Resp: 53827
 Ion Ratio Lower Upper
 50 100
 52 35.1 23.7 43.9

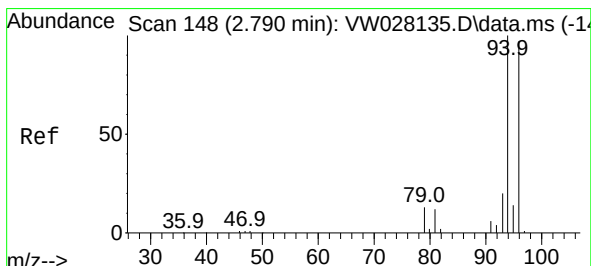
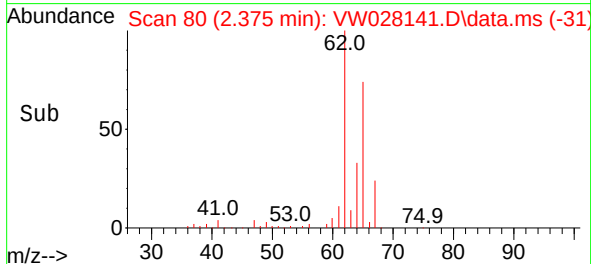
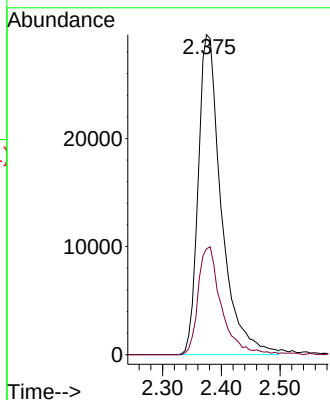
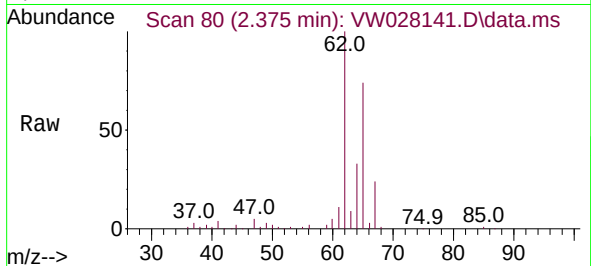




#5
 Vinyl chloride
 Concen: 24.775 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028141.D
 Acq: 08 Mar 2024 12:08

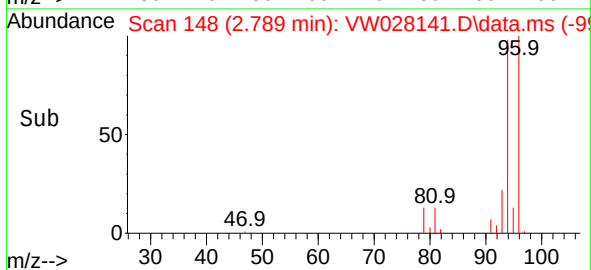
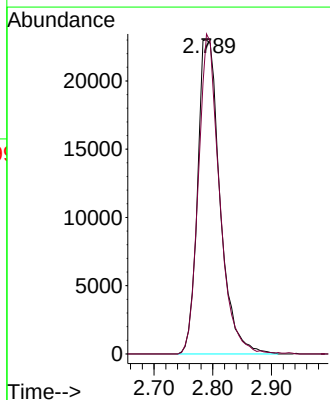
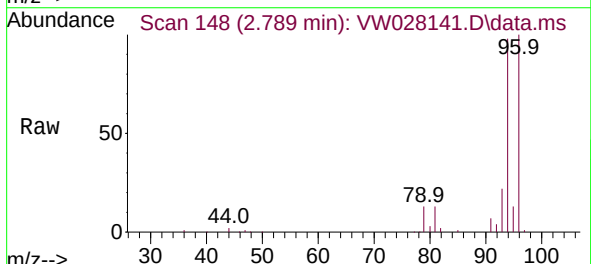
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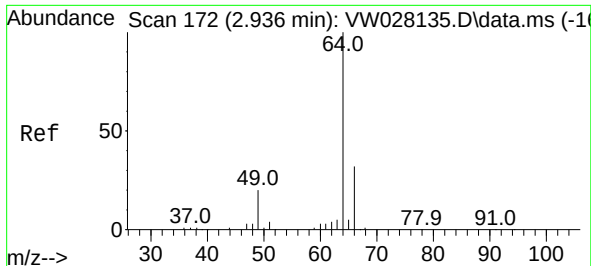
Tgt Ion: 62 Resp: 80807
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 23.518 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028141.D
 Acq: 08 Mar 2024 12:08

Tgt Ion: 94 Resp: 61198
 Ion Ratio Lower Upper
 94 100
 96 101.9 69.1 128.3

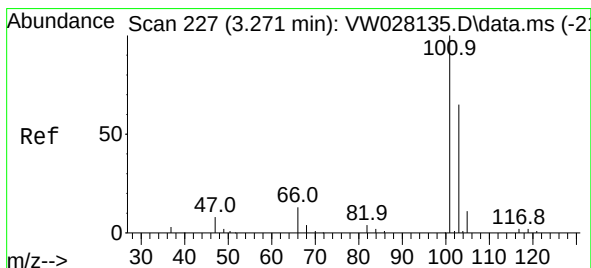
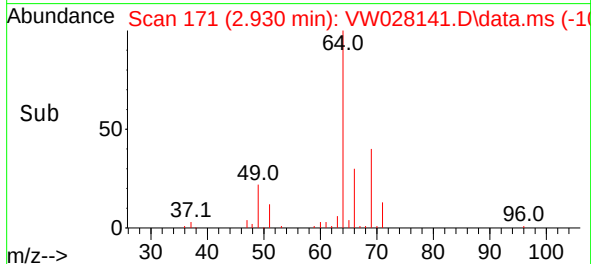
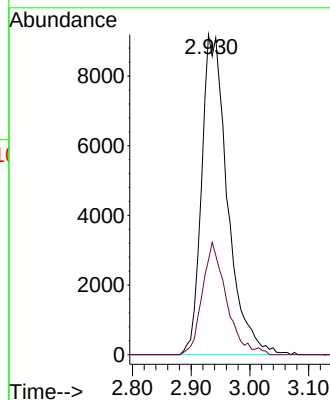
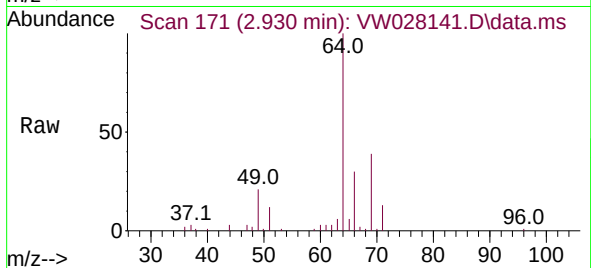




#8
Chloroethane
Concen: 13.731 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

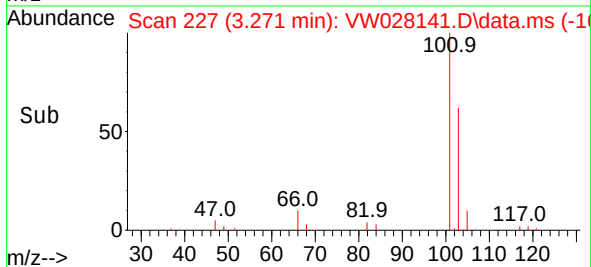
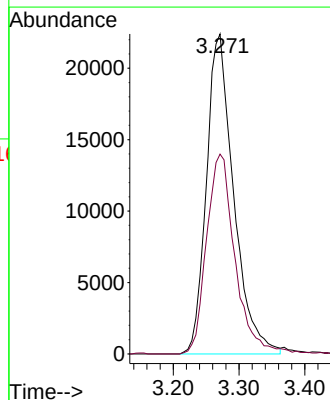
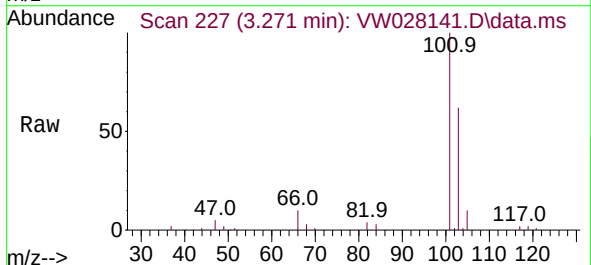
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MSVOA_W
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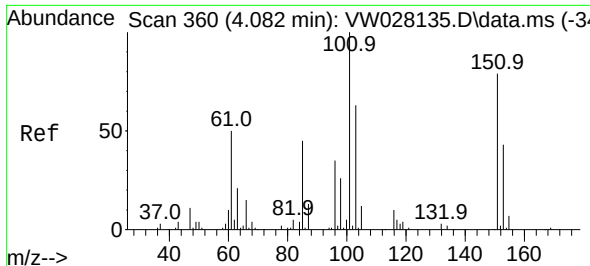
Tgt Ion: 64 Resp: 28126
Ion Ratio Lower Upper
64 100
66 29.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 21.209 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Tgt Ion:101 Resp: 64523
Ion Ratio Lower Upper
101 100
103 65.0 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 24.094 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

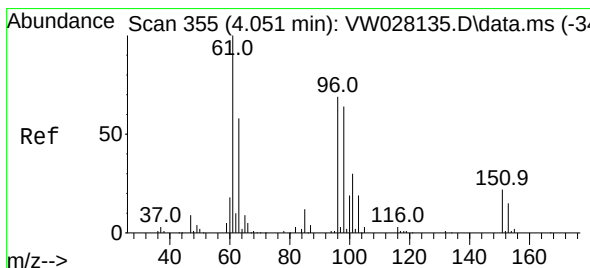
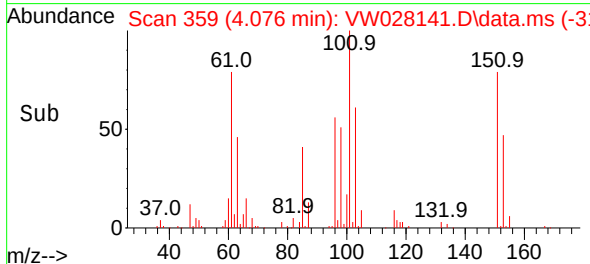
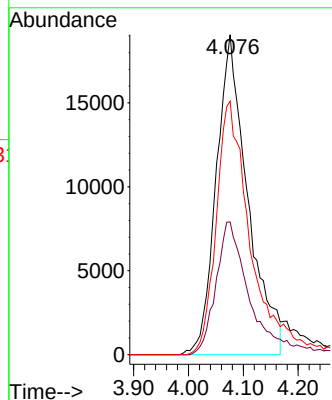
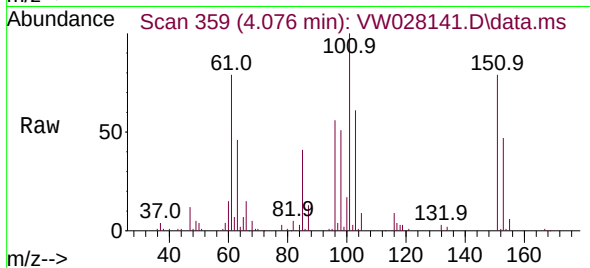
Tgt Ion:101 Resp: 76205

Ion Ratio Lower Upper

101 100

85 42.9 33.1 49.7

151 85.0 53.7 80.5#



#12

1,1-Dichloroethene

Concen: 23.807 ug/L

RT: 4.051 min Scan# 355

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

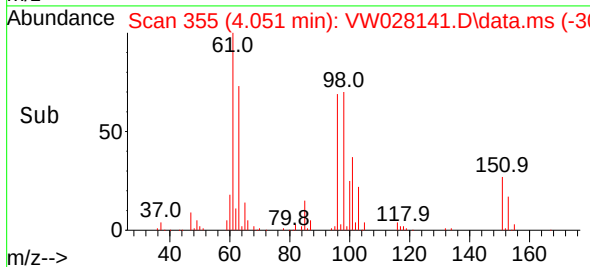
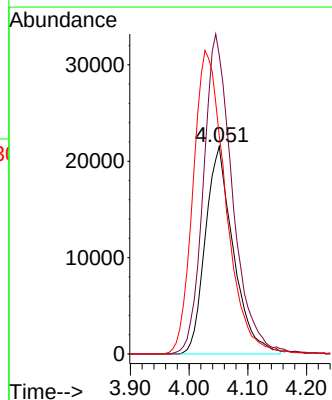
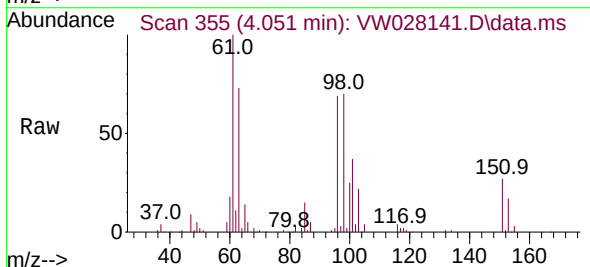
Tgt Ion: 96 Resp: 71307

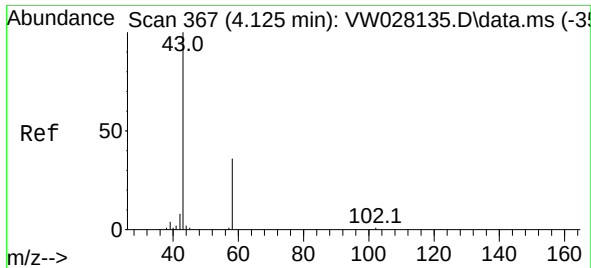
Ion Ratio Lower Upper

96 100

61 144.0 100.5 186.7

63 105.3 72.9 135.5

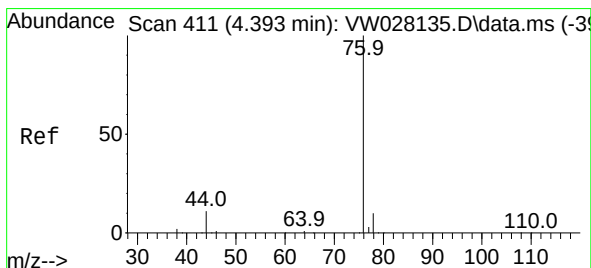
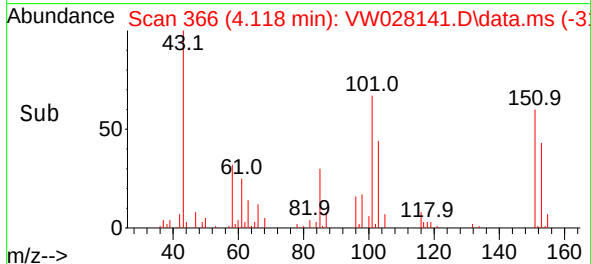
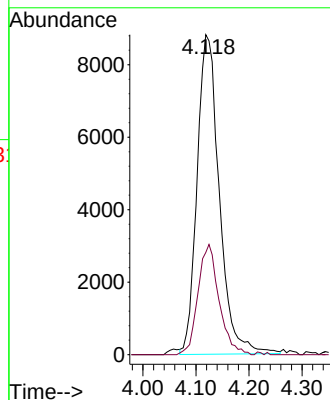
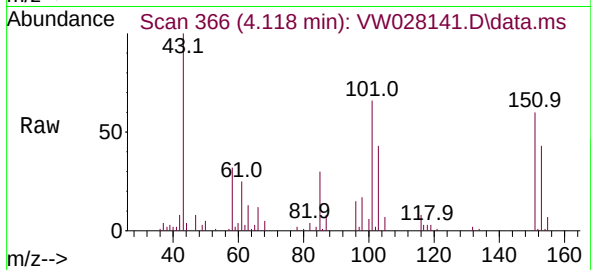




#13
Acetone
Concen: 44.756 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

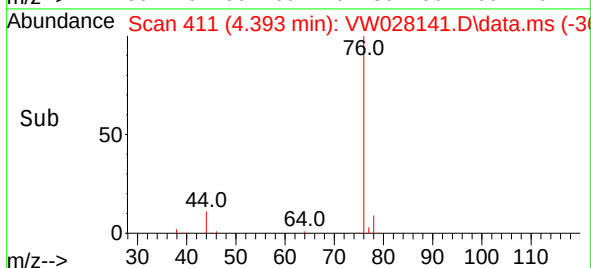
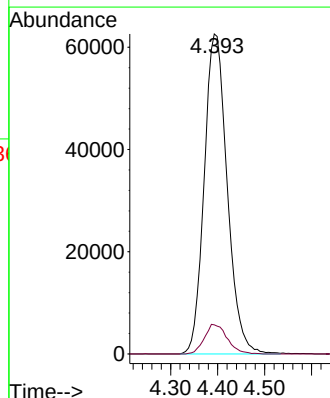
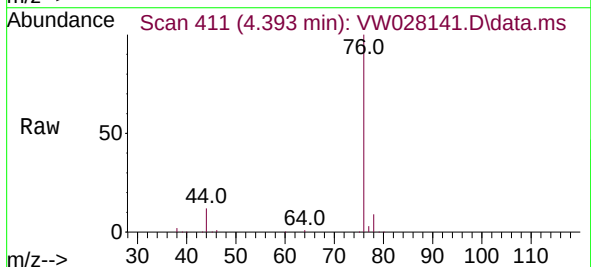
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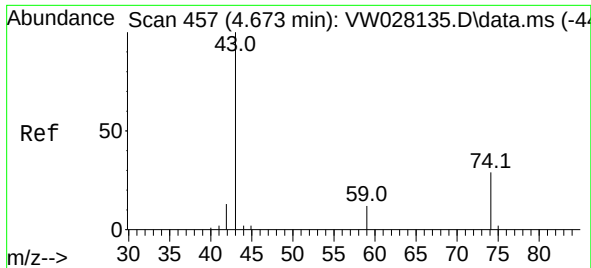
Tgt Ion: 43 Resp: 25667
Ion Ratio Lower Upper
43 100
58 32.6 0.0 70.0



#14
Carbon disulfide
Concen: 23.324 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 212806
Ion Ratio Lower Upper
76 100
78 9.1 7.9 11.9

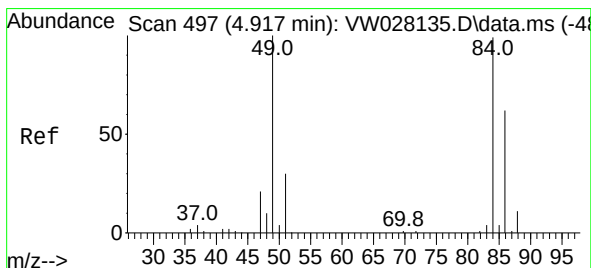
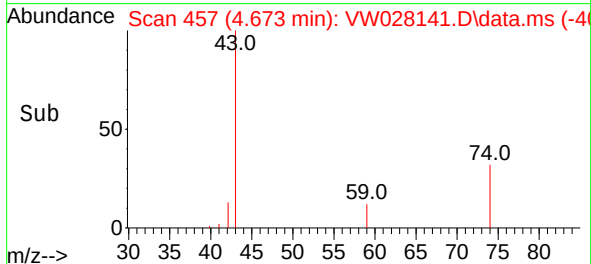
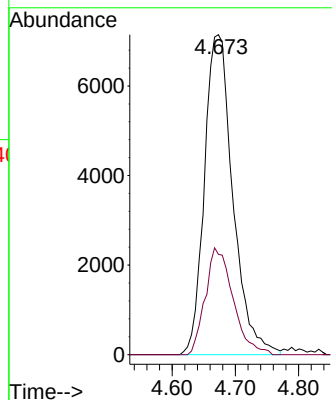
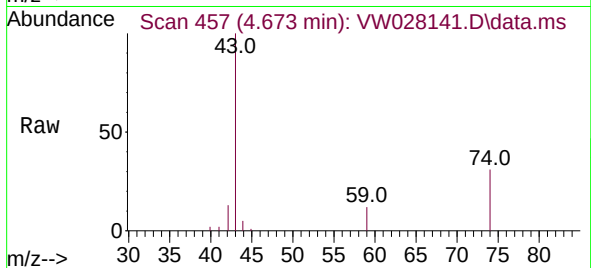




#15
Methyl Acetate
Concen: 27.611 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

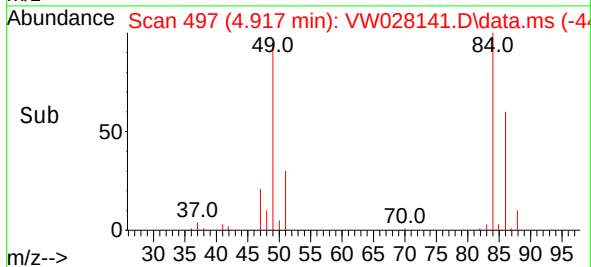
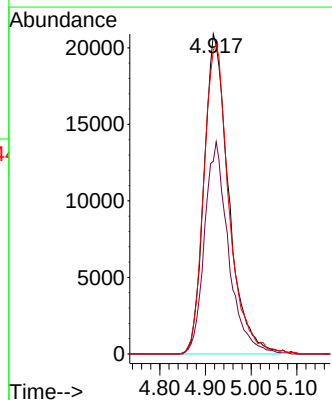
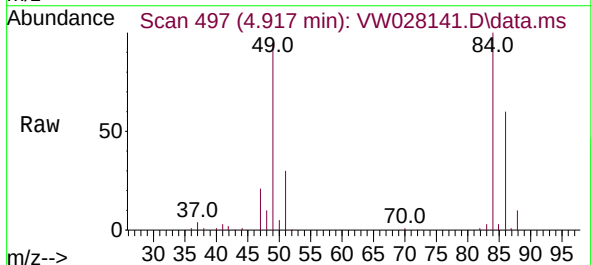
Instrument :
MSVOA_W
ClientSampleId :

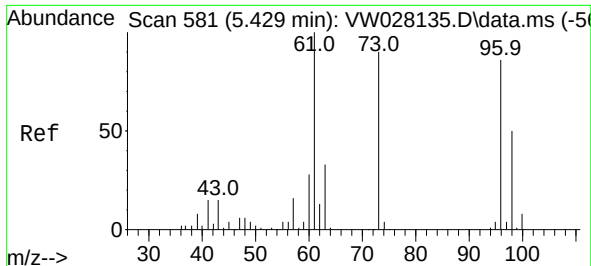
Tgt Ion: 43 Resp: 22381
Ion Ratio Lower Upper
43 100
74 32.5 24.3 36.5



#16
Methylene chloride
Concen: 23.575 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Tgt Ion: 84 Resp: 78136
Ion Ratio Lower Upper
84 100
86 60.2 41.2 76.6
49 95.0 66.5 123.5





#17

trans-1,2-Dichloroethene

Concen: 24.727 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

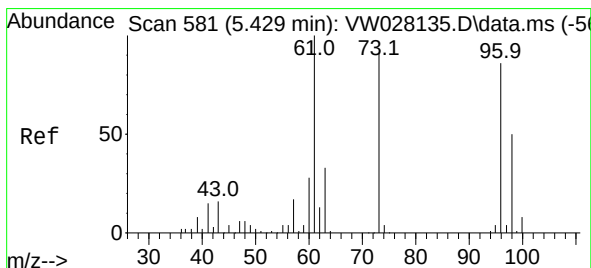
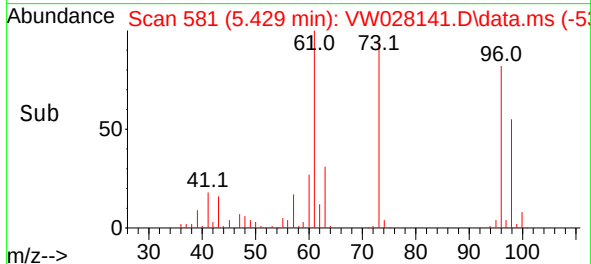
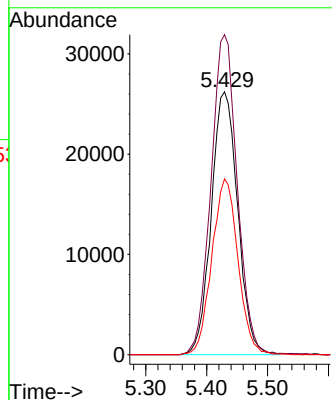
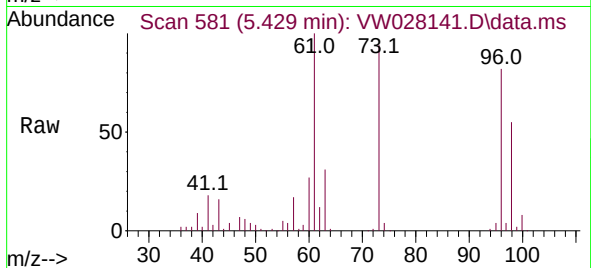
Tgt Ion: 96 Resp: 79138

Ion Ratio Lower Upper

96 100

61 121.7 82.6 153.4

98 66.9 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 26.988 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

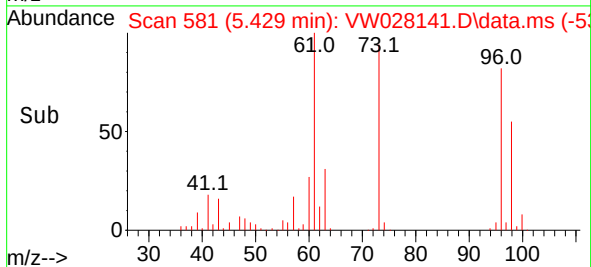
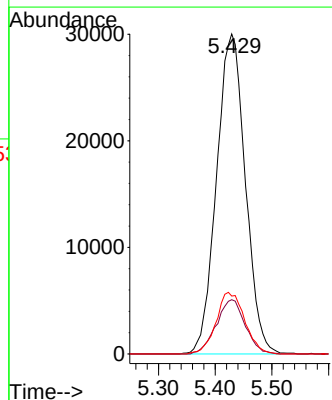
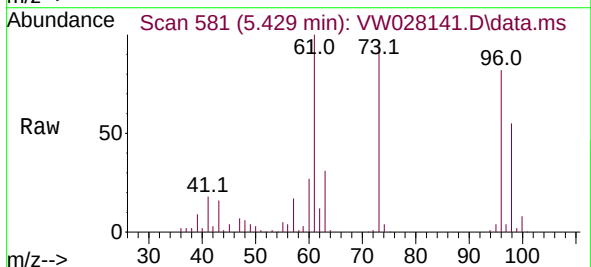
Tgt Ion: 73 Resp: 105781

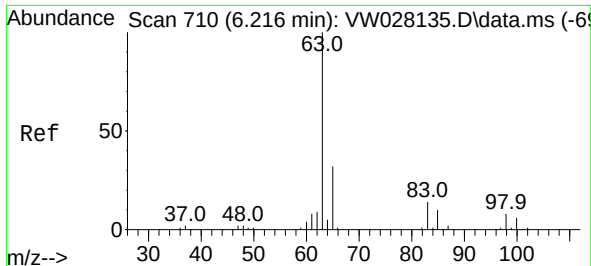
Ion Ratio Lower Upper

73 100

43 17.0 13.3 19.9

57 19.1 15.9 23.9





#19

1,1-Dichloroethane

Concen: 25.836 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

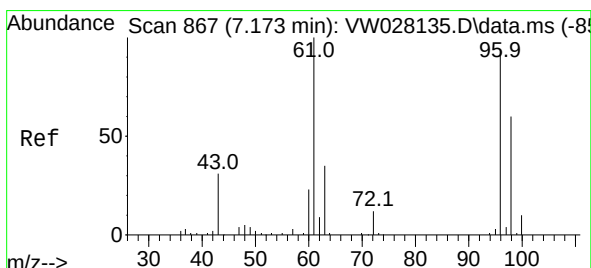
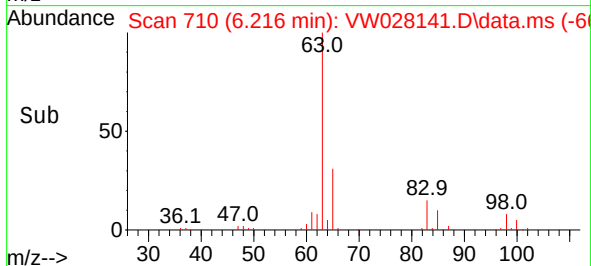
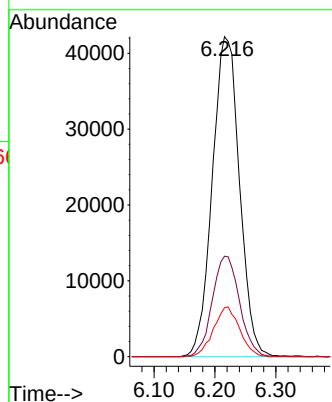
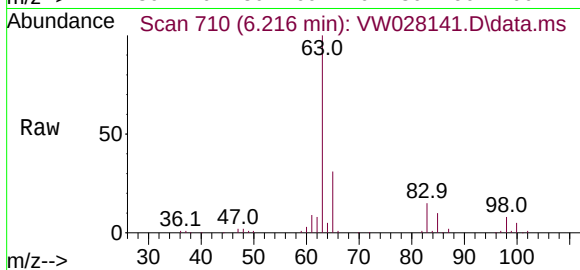
Tgt Ion: 63 Resp: 130744

Ion Ratio Lower Upper

63 100

65 31.4 23.2 43.0

83 15.3 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 26.348 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

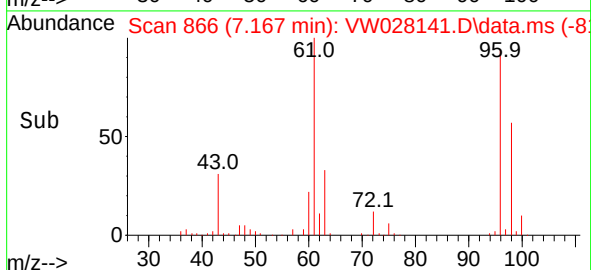
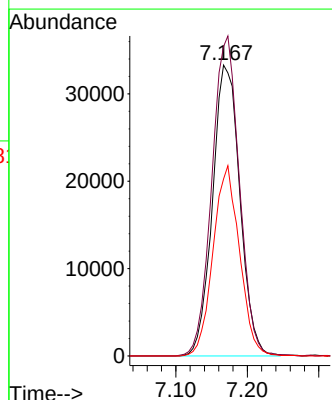
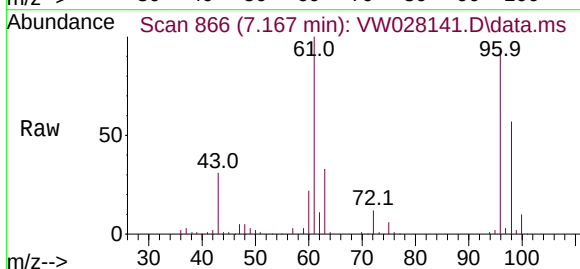
Tgt Ion: 96 Resp: 88743

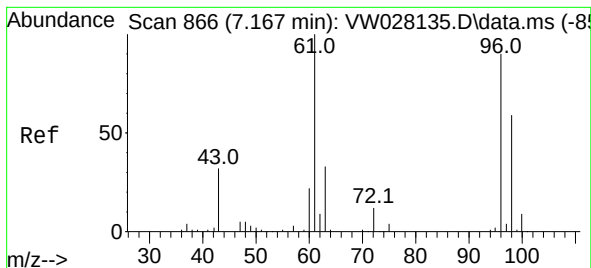
Ion Ratio Lower Upper

96 100

61 106.4 75.5 140.1

98 60.8 43.8 81.4





#22

2-Butanone

Concen: 48.766 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

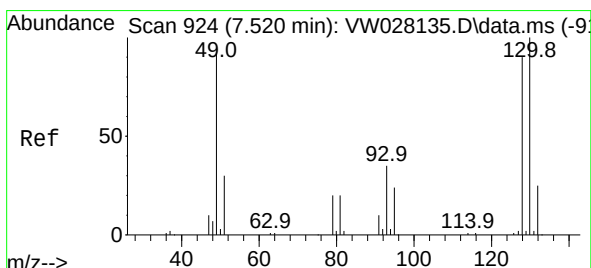
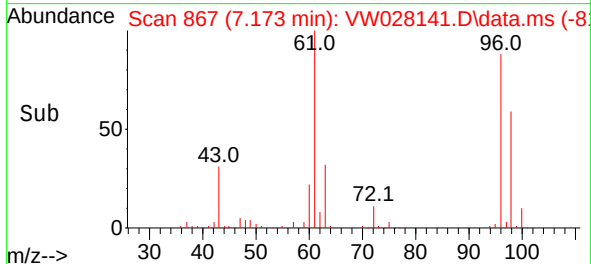
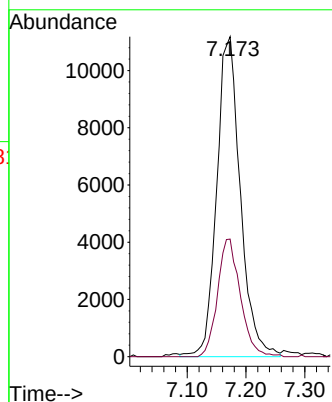
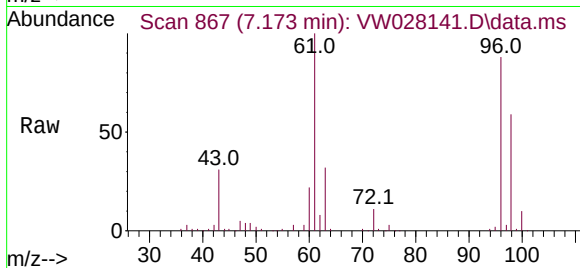
ClientSampleId :

Tgt Ion: 43 Resp: 31234

Ion Ratio Lower Upper

43 100

72 35.4 18.4 55.0



#23

Bromochloromethane

Concen: 25.807 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Tgt Ion: 128 Resp: 40807

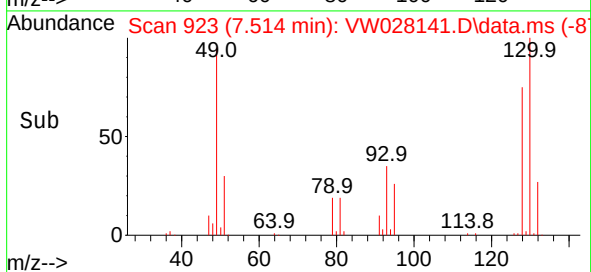
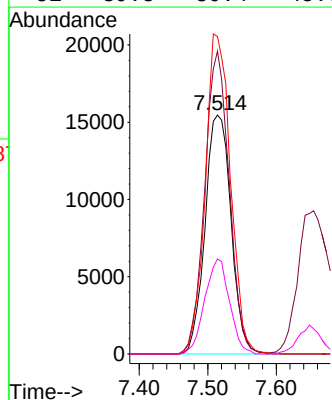
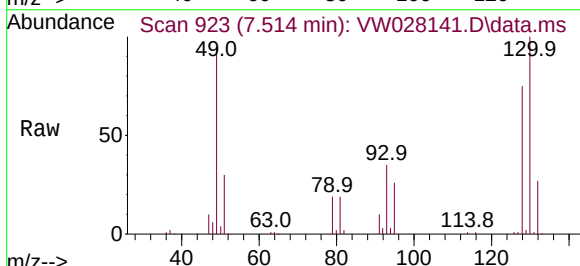
Ion Ratio Lower Upper

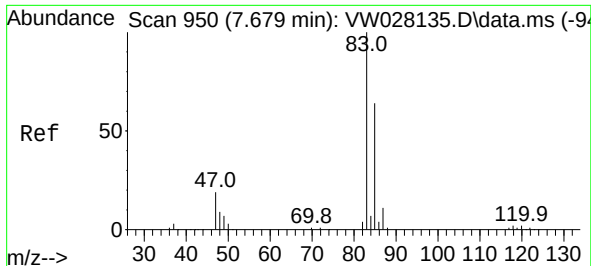
128 100

49 126.8 84.4 156.8

130 132.9 91.1 169.3

51 39.8 30.4 45.6





#25

Chloroform

Concen: 25.649 ug/L

RT: 7.679 min Scan# 91

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

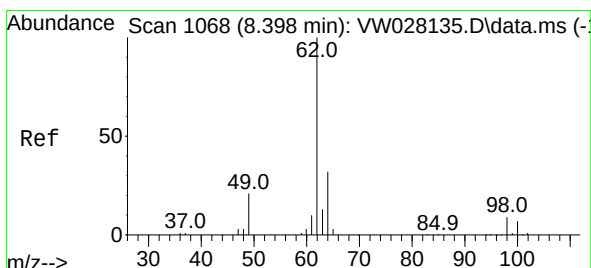
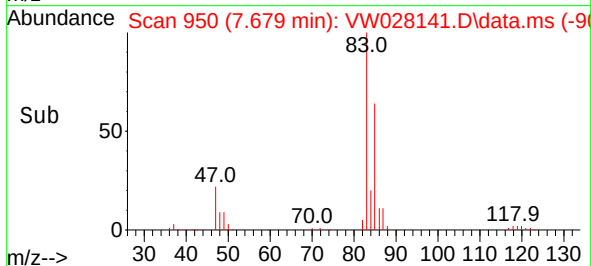
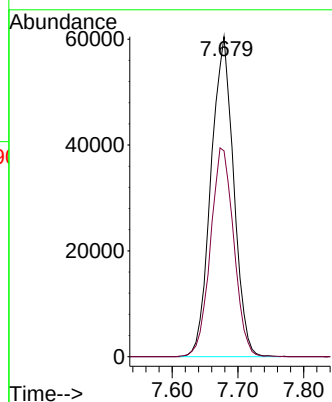
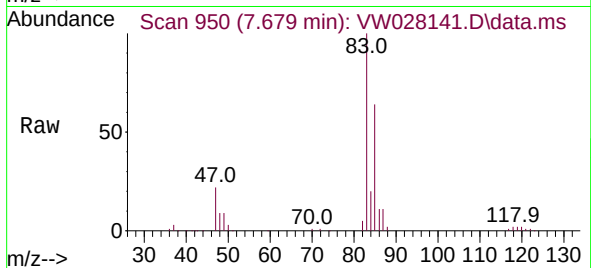
ClientSampleId :

Tgt Ion: 83 Resp: 144977

Ion Ratio Lower Upper

83 100

85 64.3 46.5 86.5



#27

1,2-Dichloroethane

Concen: 27.120 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028141.D

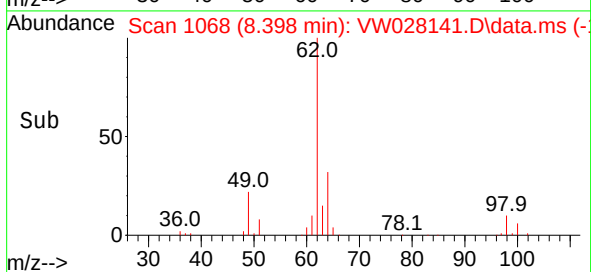
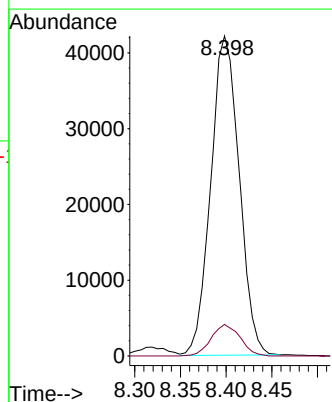
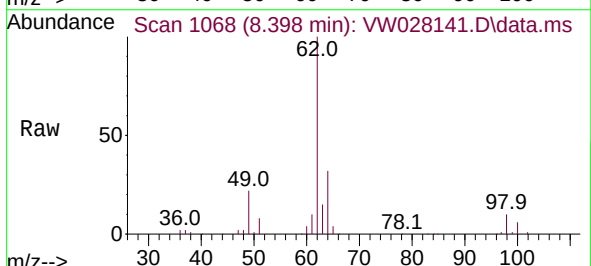
Acq: 08 Mar 2024 12:08

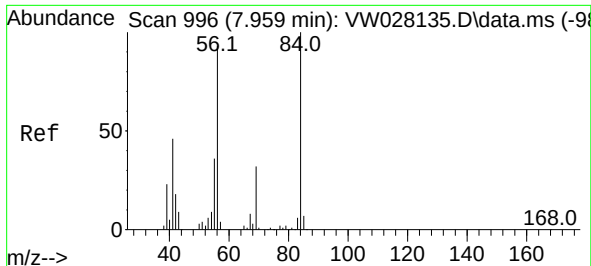
Tgt Ion: 62 Resp: 91153

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.4





#29

Cyclohexane

Concen: 23.808 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

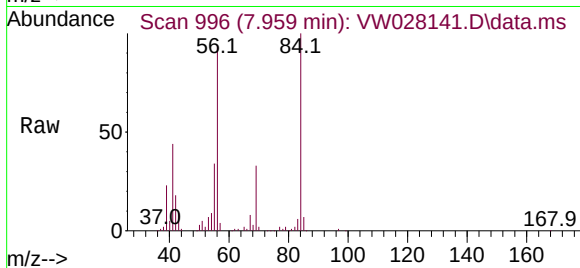
Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :



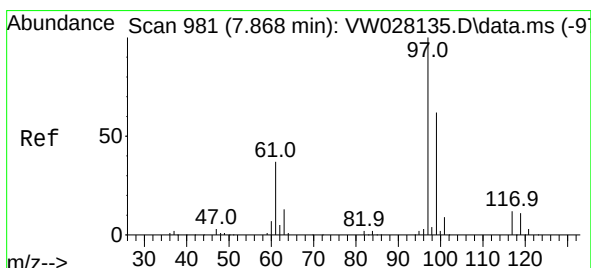
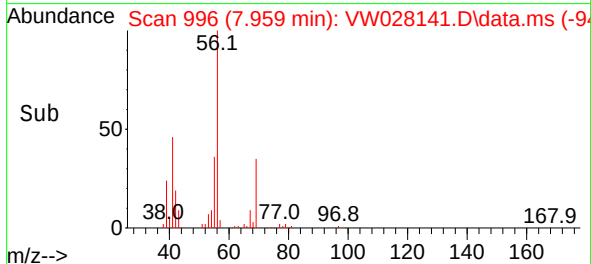
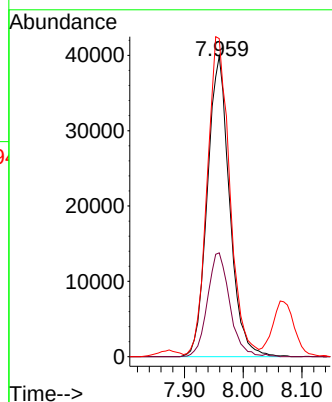
Tgt Ion: 56 Resp: 104696

Ion Ratio Lower Upper

56 100

69 34.6 27.6 41.4

84 108.5 86.6 129.8



#30

1,1,1-Trichloroethane

Concen: 24.536 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

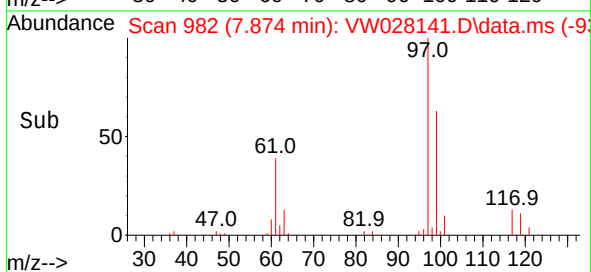
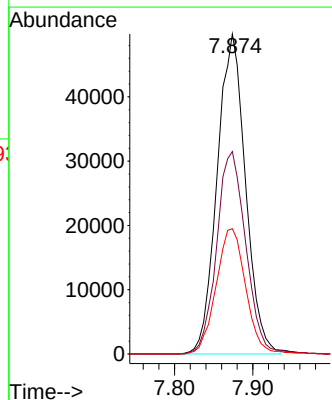
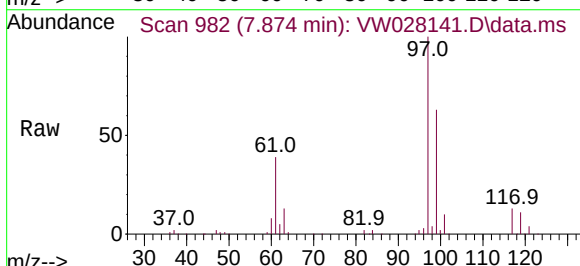
Tgt Ion: 97 Resp: 125278

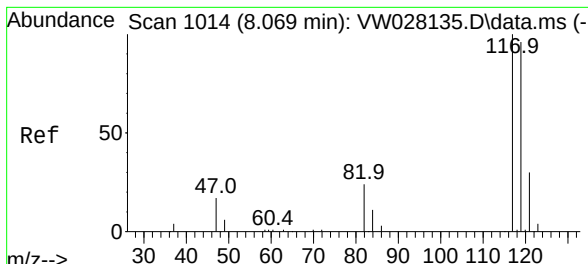
Ion Ratio Lower Upper

97 100

99 65.2 51.3 76.9

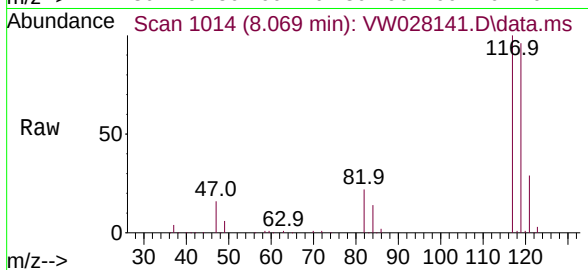
61 40.5 31.8 47.6



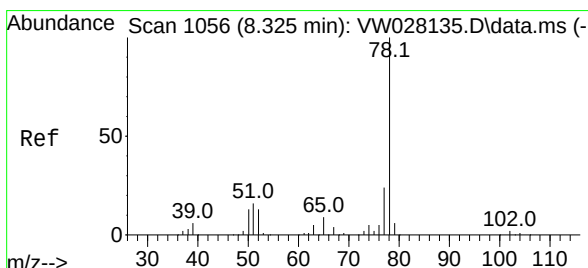
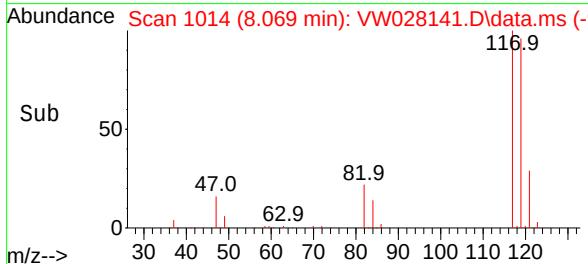
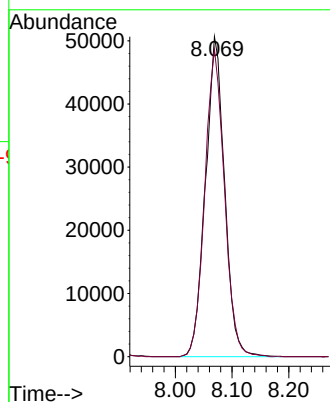


#31
Carbon tetrachloride
Concen: 25.033 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Instrument :
MSVOA_W
ClientSampleId :

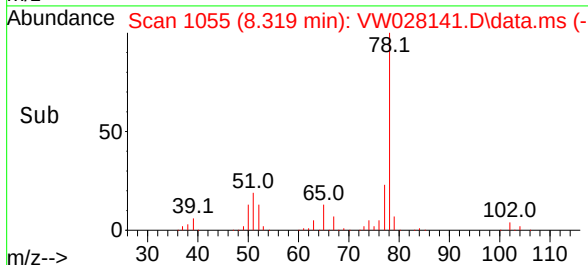
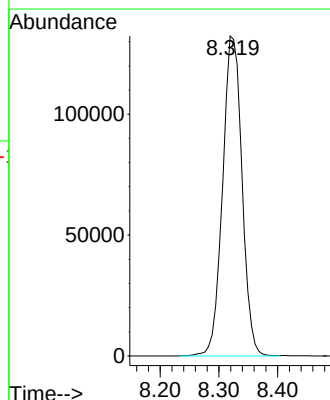
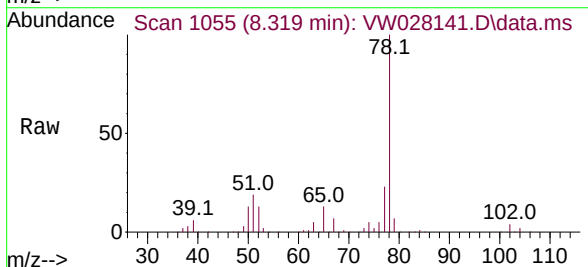


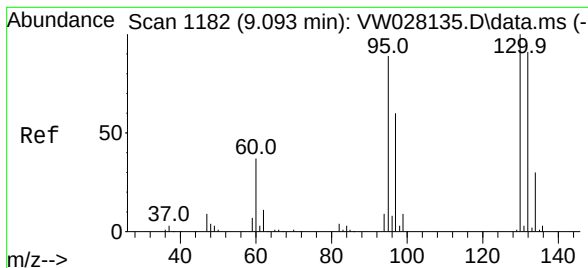
Tgt Ion:117 Resp: 119359
Ion Ratio Lower Upper
117 100
119 98.1 76.8 115.2



#33
Benzene
Concen: 24.597 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Tgt Ion: 78 Resp: 303885





#34

Trichloroethene

Concen: 24.443 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

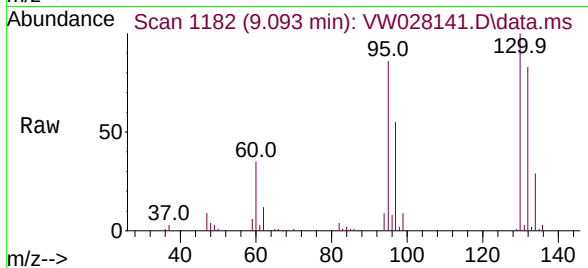
Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 88480

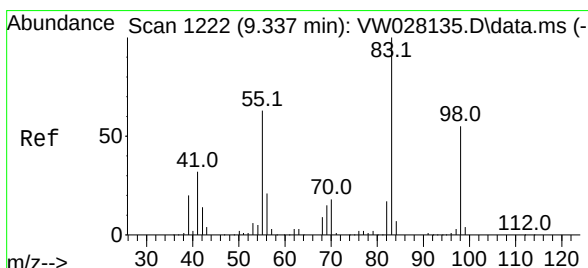
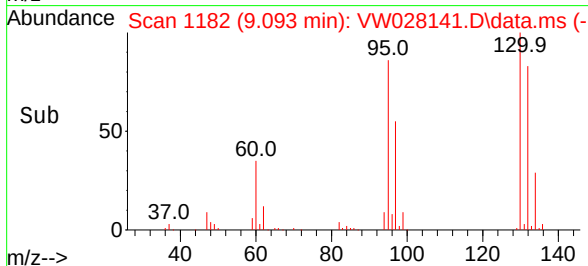
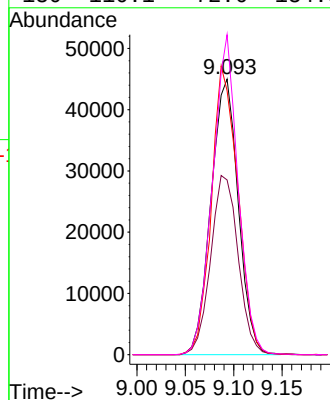
Ion Ratio Lower Upper

95 100

97 63.4 44.5 82.7

132 95.8 68.3 126.9

130 116.1 72.6 134.8



#35

Methylcyclohexane

Concen: 24.018 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

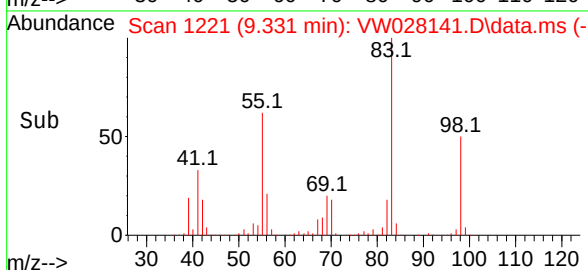
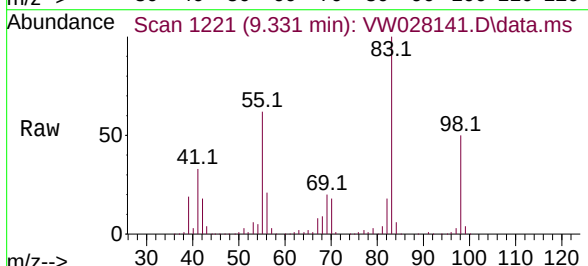
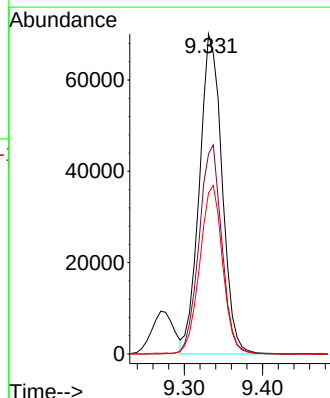
Tgt Ion: 83 Resp: 140713

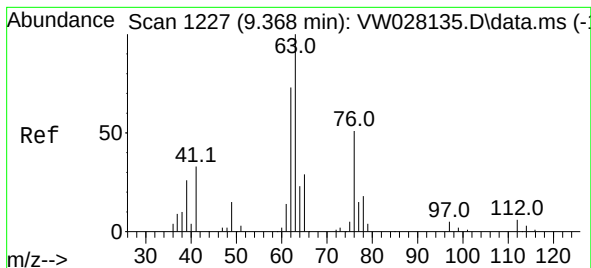
Ion Ratio Lower Upper

83 100

55 65.4 52.1 78.1

98 53.2 42.2 63.4





#37

1,2-Dichloropropane

Concen: 25.259 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

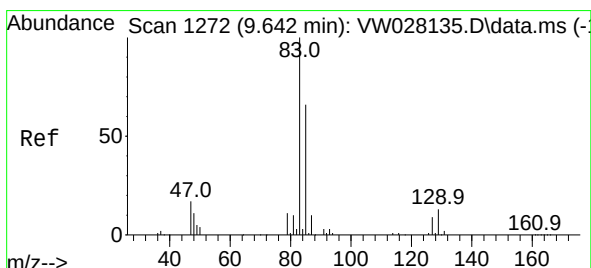
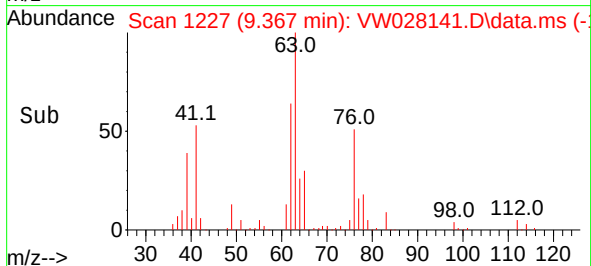
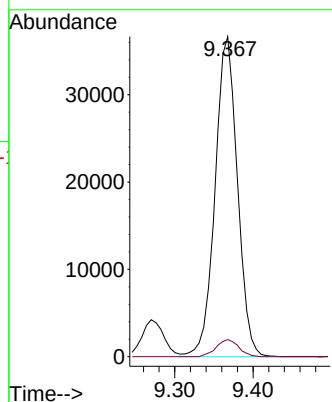
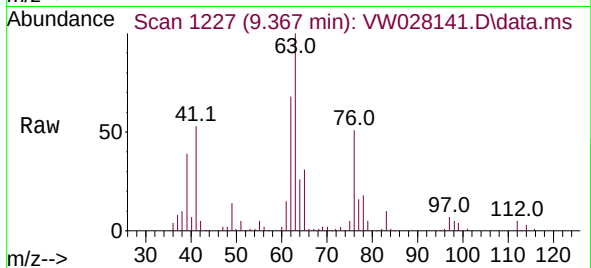
ClientSampleId :

Tgt Ion: 63 Resp: 72670

Ion Ratio Lower Upper

63 100

112 5.4 4.4 6.6



#38

Bromodichloromethane

Concen: 25.585 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

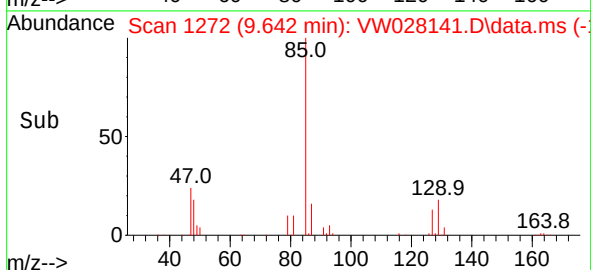
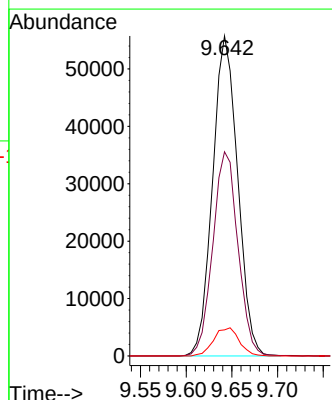
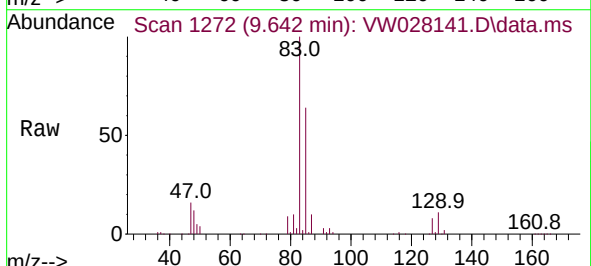
Tgt Ion: 83 Resp: 106321

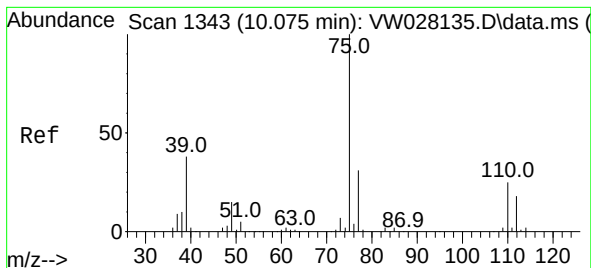
Ion Ratio Lower Upper

83 100

85 63.8 43.3 80.5

127 8.1 6.9 10.3

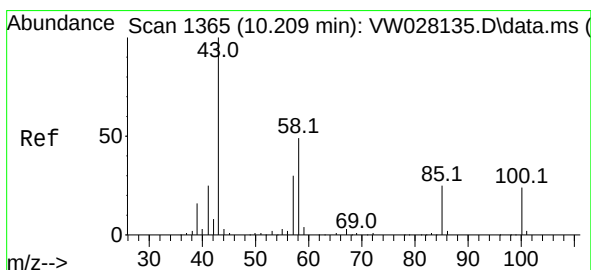
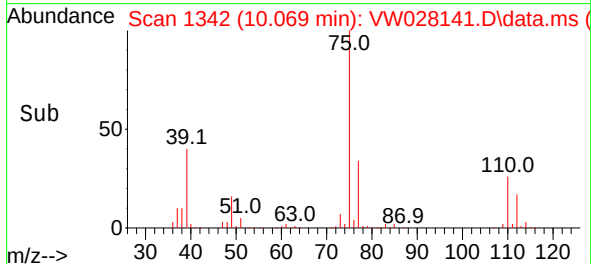
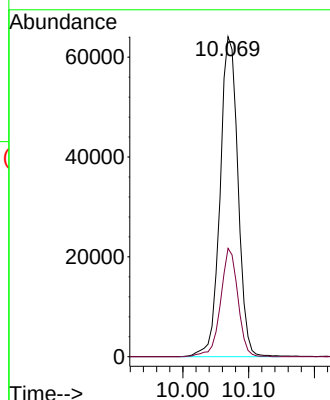
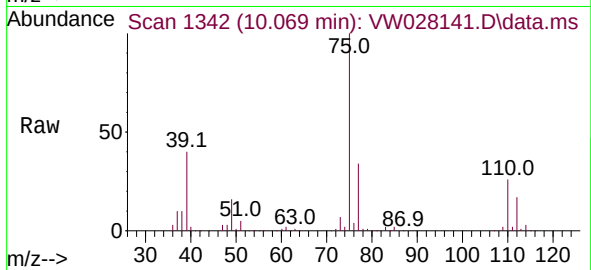




#39
cis-1,3-Dichloropropene
Concen: 25.673 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

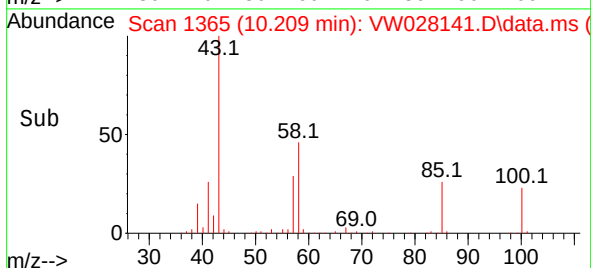
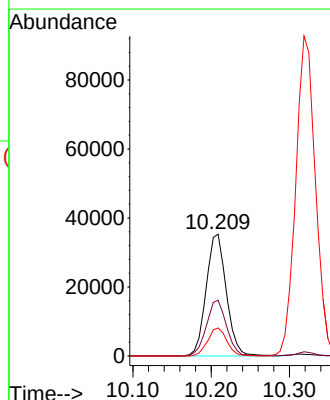
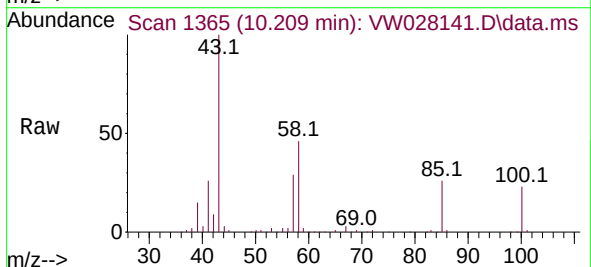
Instrument :
MSVOA_W
ClientSampleId :

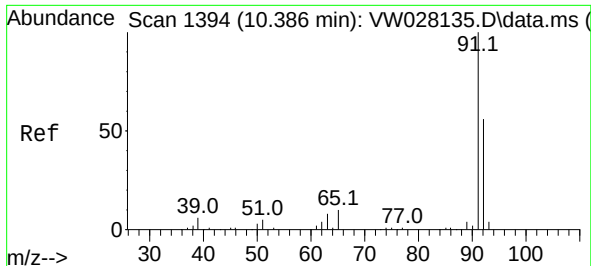
Tgt Ion: 75 Resp: 121465
Ion Ratio Lower Upper
75 100
77 33.9 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 55.323 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Tgt Ion: 43 Resp: 63218
Ion Ratio Lower Upper
43 100
58 45.7 37.8 56.8
100 21.9 18.2 27.4





#42

Toluene

Concen: 25.071 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

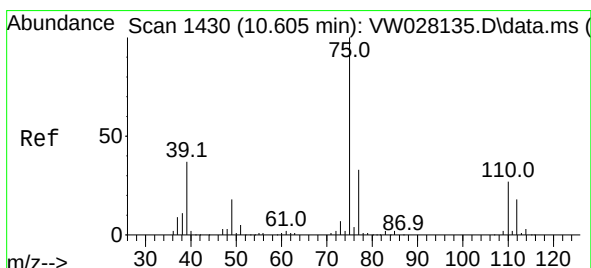
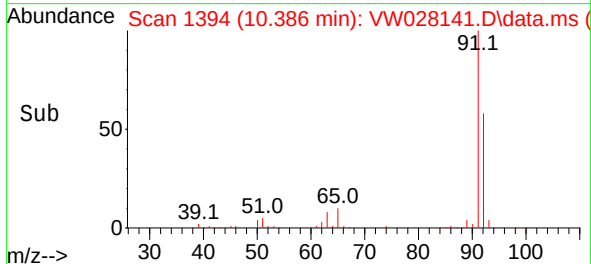
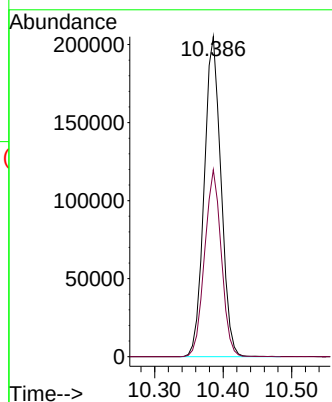
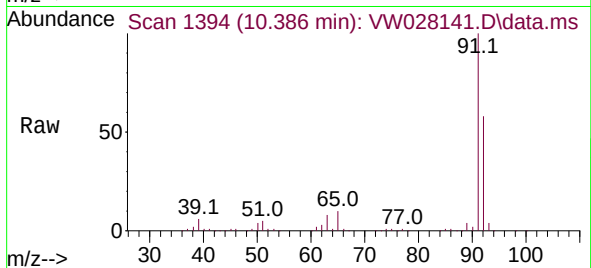
ClientSampleId :

Tgt Ion: 91 Resp: 349988

Ion Ratio Lower Upper

91 100

92 58.4 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 26.384 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028141.D

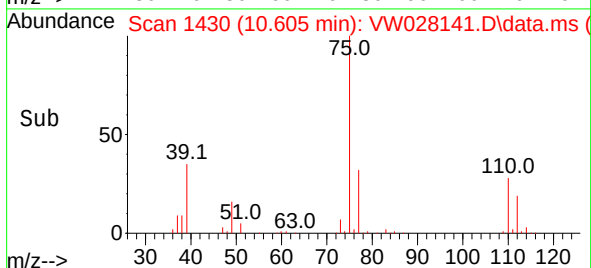
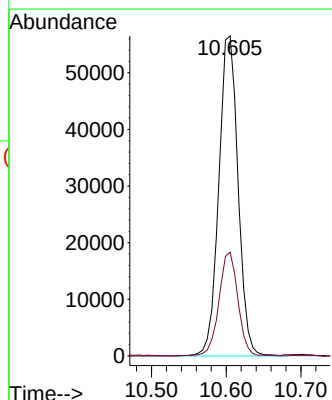
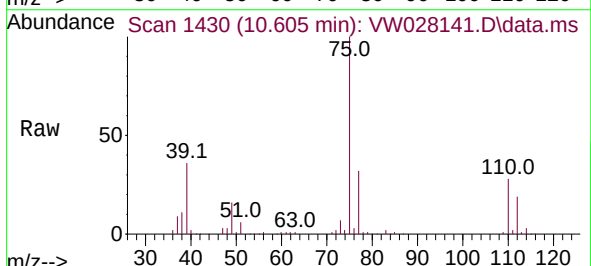
Acq: 08 Mar 2024 12:08

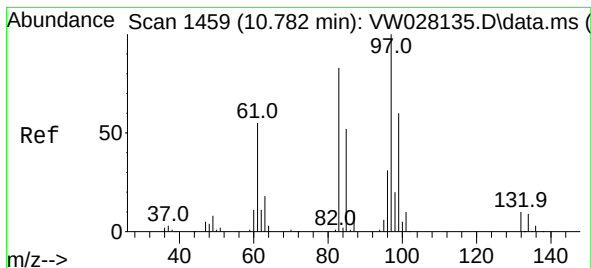
Tgt Ion: 75 Resp: 101405

Ion Ratio Lower Upper

75 100

77 32.4 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 25.225 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 60863

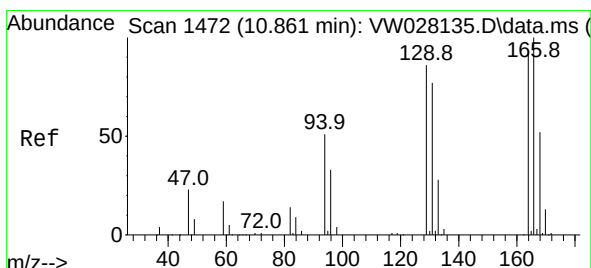
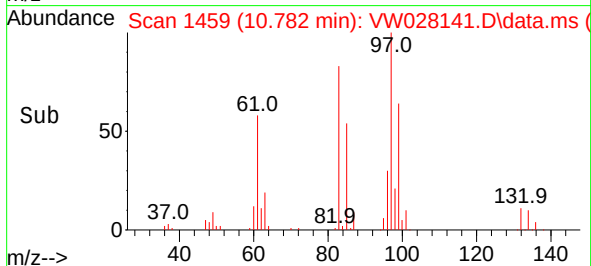
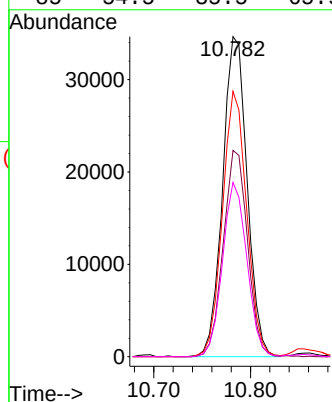
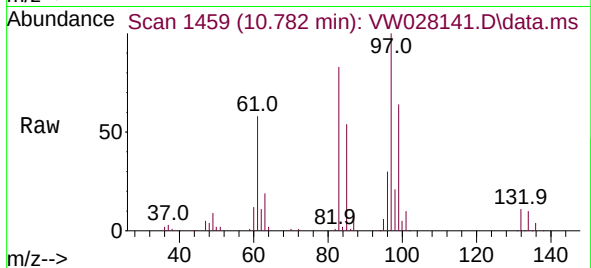
Ion Ratio Lower Upper

97 100

99 64.4 41.9 77.7

83 82.9 56.1 104.1

85 54.5 35.5 65.9



#46

Tetrachloroethene

Concen: 23.809 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Tgt Ion:164 Resp: 72233

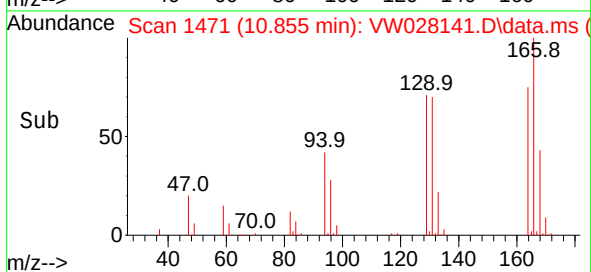
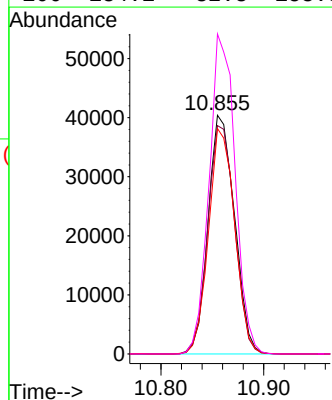
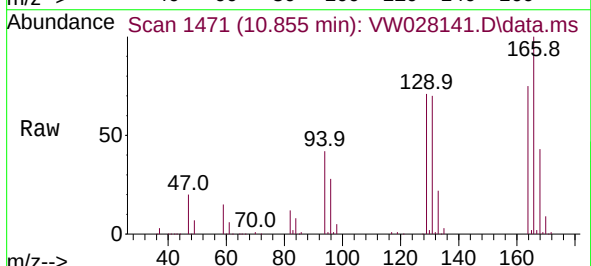
Ion Ratio Lower Upper

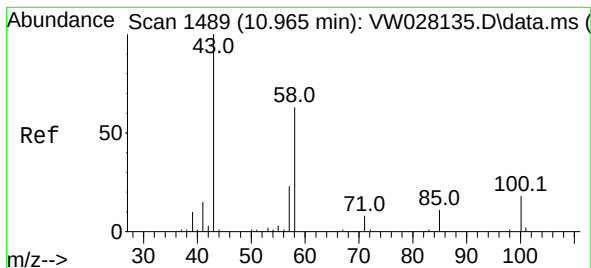
164 100

129 95.6 65.2 121.0

131 94.4 66.2 123.0

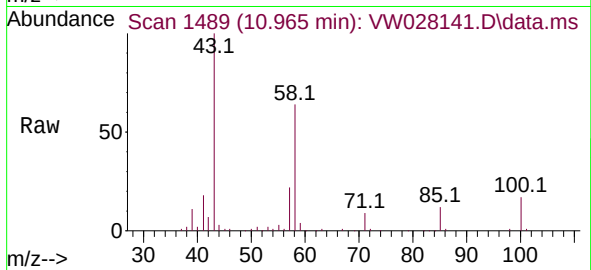
166 134.1 82.8 153.8



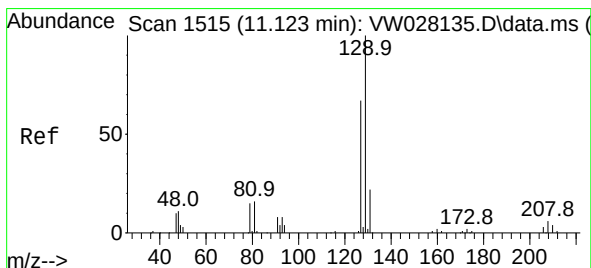
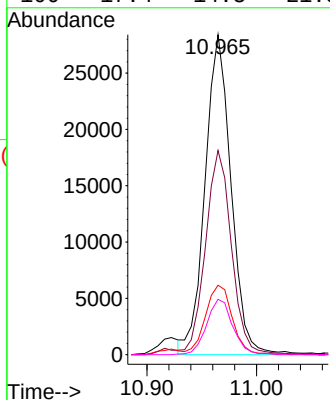
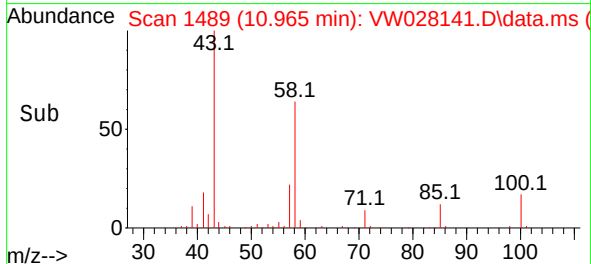


#48
2-Hexanone
Concen: 50.614 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Instrument :
MSVOA_W
ClientSampleId :

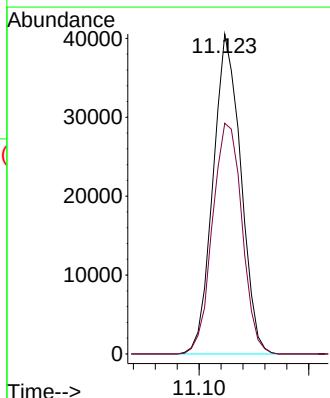
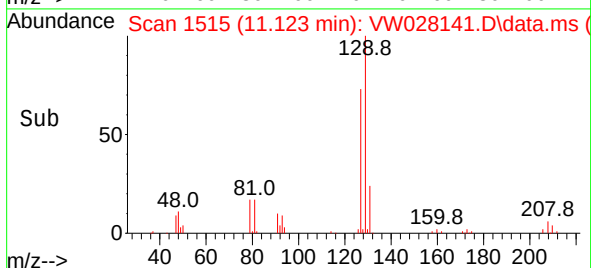
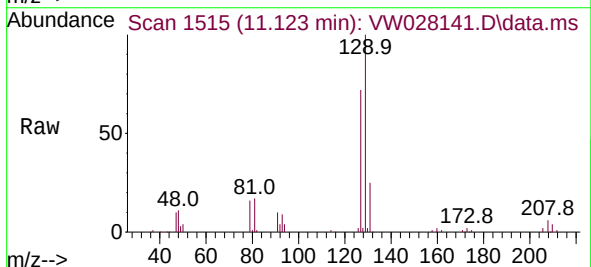


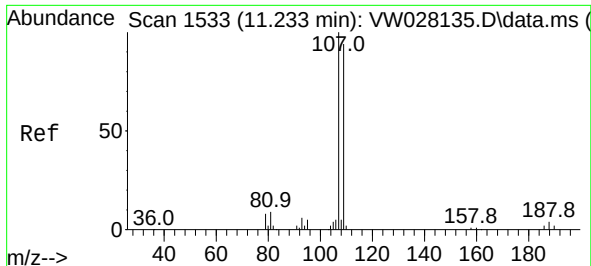
Tgt Ion: 43 Resp: 46765
Ion Ratio Lower Upper
43 100
58 64.1 51.8 77.8
57 22.6 18.2 27.4
100 17.4 14.3 21.5



#49
Dibromochloromethane
Concen: 25.388 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Tgt Ion: 129 Resp: 71213
Ion Ratio Lower Upper
129 100
127 72.1 57.1 106.1





#50

1,2-Dibromoethane

Concen: 25.854 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

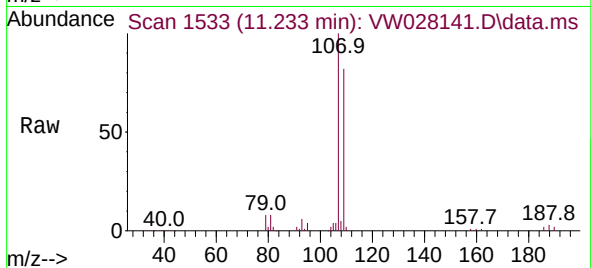
Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :



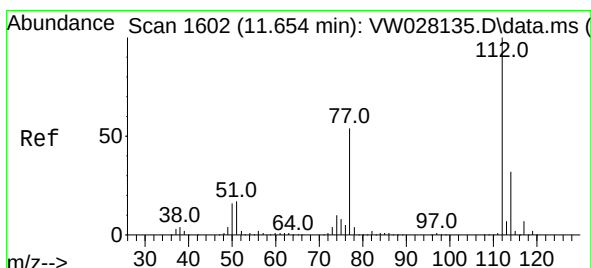
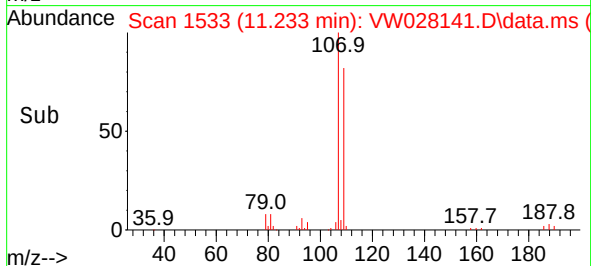
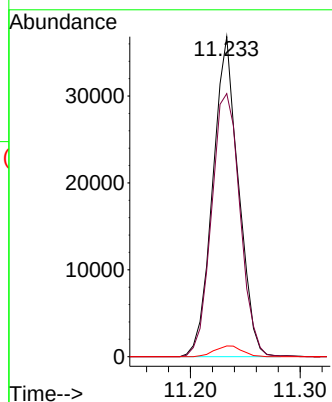
Tgt Ion:107 Resp: 60084

Ion Ratio Lower Upper

107 100

109 82.2 67.5 125.3

188 3.4 3.1 4.7



#51

Chlorobenzene

Concen: 24.972 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

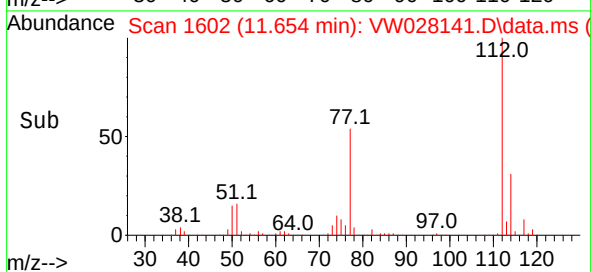
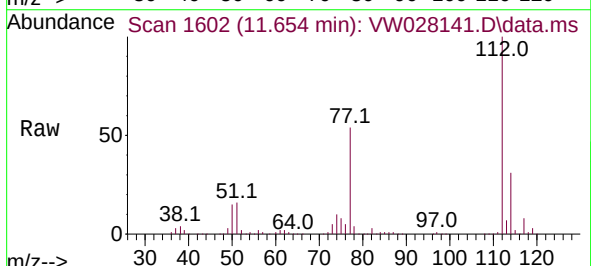
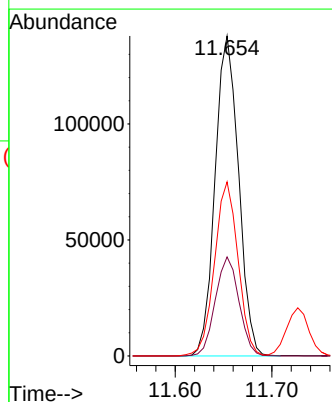
Tgt Ion:112 Resp: 232600

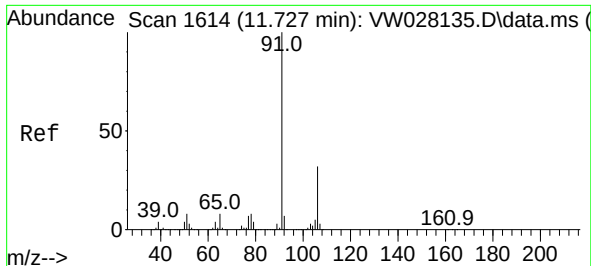
Ion Ratio Lower Upper

112 100

114 30.9 20.6 38.4

77 54.4 40.0 60.0





#52

Ethylbenzene

Concen: 24.703 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

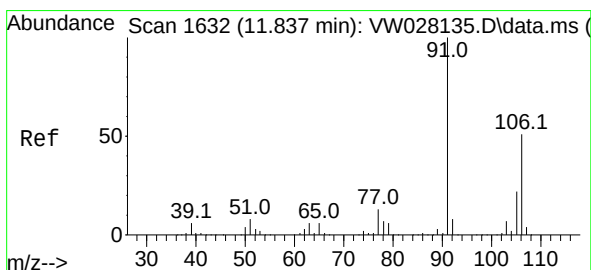
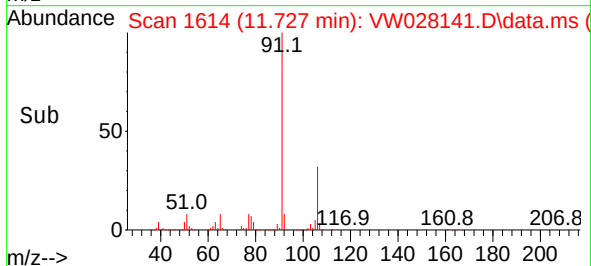
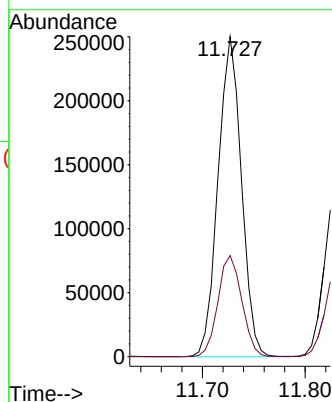
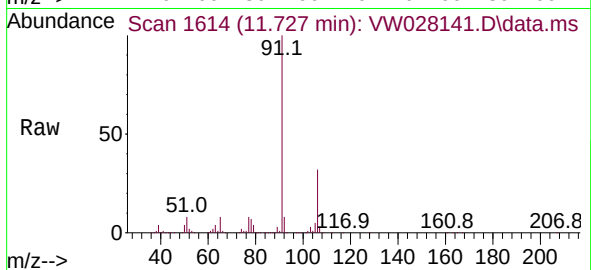
ClientSampleId :

Tgt Ion: 91 Resp: 394259

Ion Ratio Lower Upper

91 100

106 31.6 23.8 44.2



#53

m,p-Xylene

Concen: 25.441 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028141.D

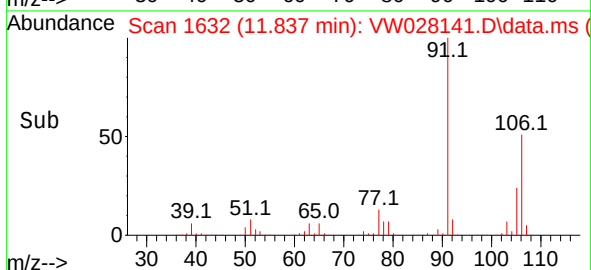
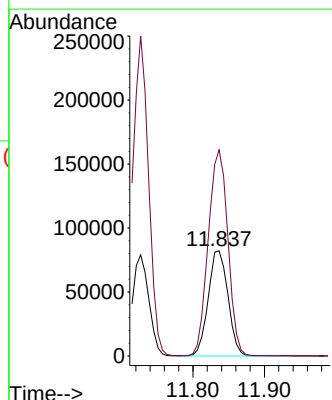
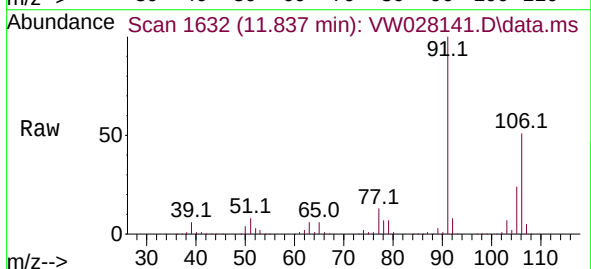
Acq: 08 Mar 2024 12:08

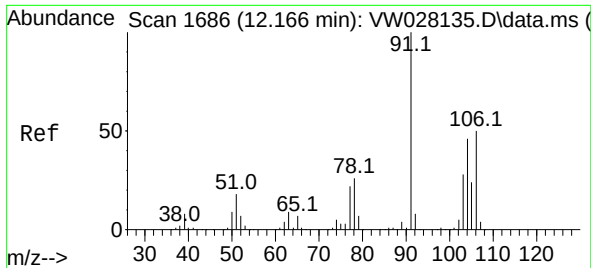
Tgt Ion:106 Resp: 157539

Ion Ratio Lower Upper

106 100

91 196.0 139.7 259.4

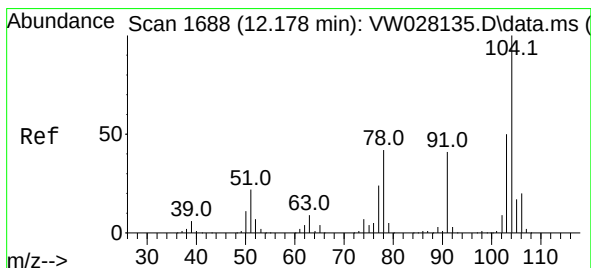
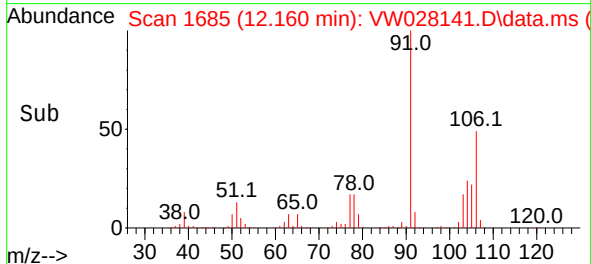
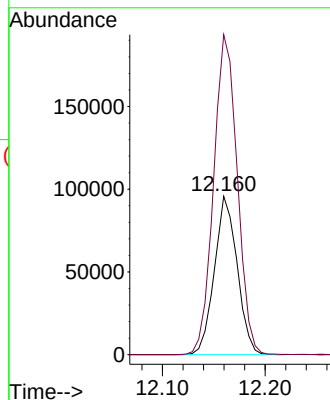
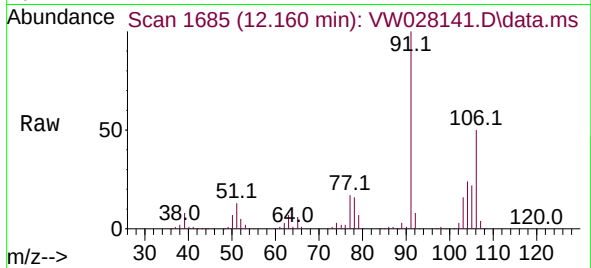




#54
o-Xylene
Concen: 25.105 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

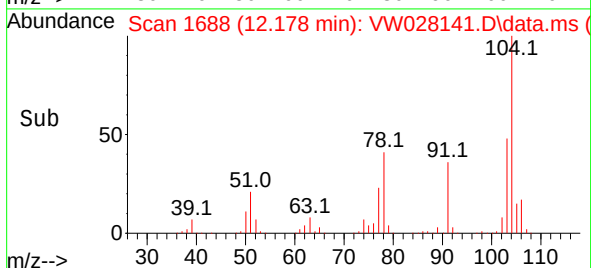
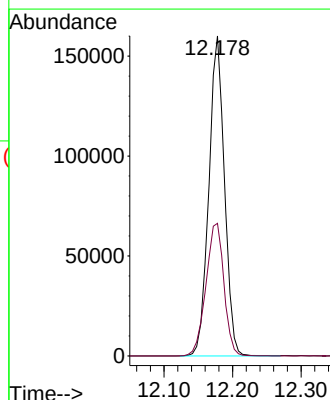
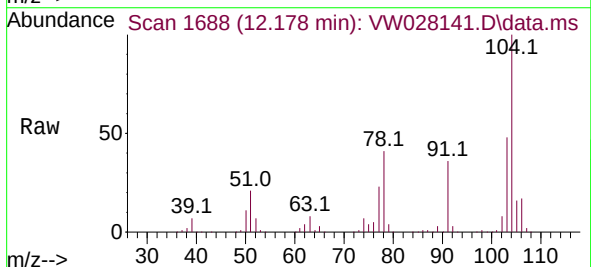
Instrument :
MSVOA_W
ClientSampleId :

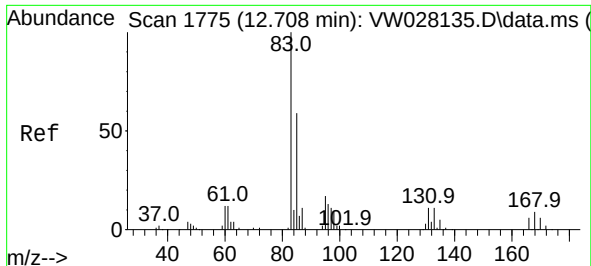
Tgt Ion:106 Resp: 147124
Ion Ratio Lower Upper
106 100
91 202.0 145.2 269.6



#55
Styrene
Concen: 25.459 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Tgt Ion:104 Resp: 254455
Ion Ratio Lower Upper
104 100
78 41.5 29.1 54.1





#57

1,1,2,2-Tetrachloroethane

Concen: 26.132 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028141.D

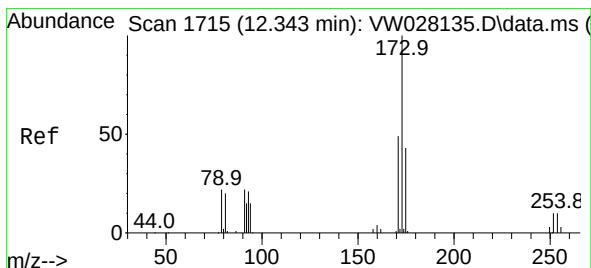
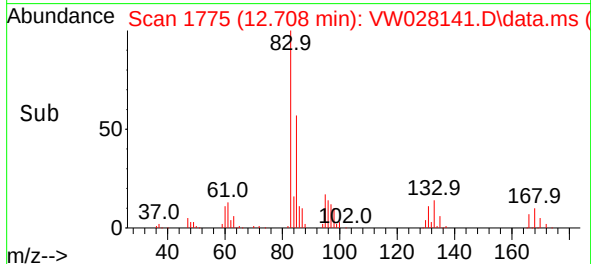
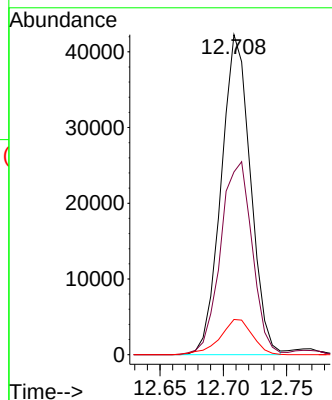
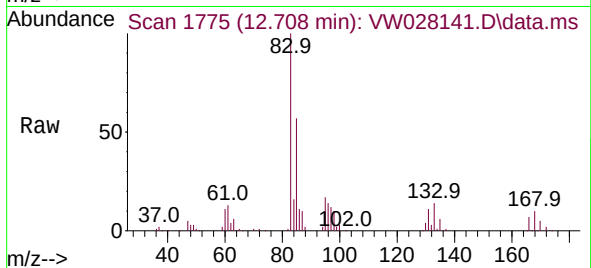
Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	67988
Ion Ratio	Lower	Upper	
83	100		
85	57.1	45.7	84.9
131	11.0	9.7	14.5



#59

Bromoform

Concen: 24.203 ug/L

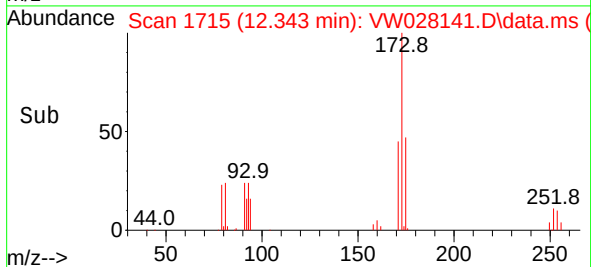
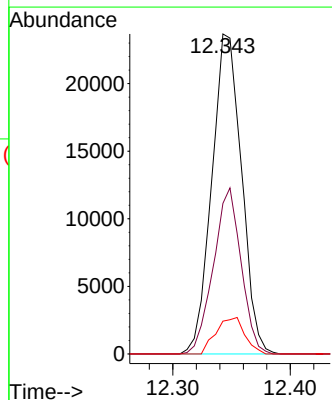
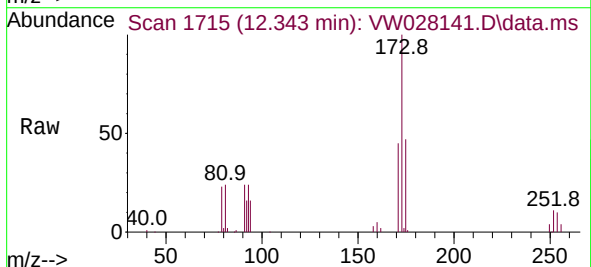
RT: 12.343 min Scan# 1715

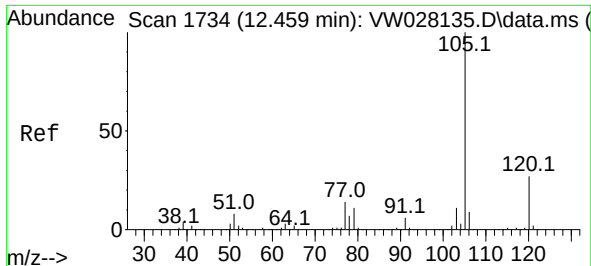
Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Tgt Ion:	173	Resp:	41626
Ion Ratio	Lower	Upper	
173	100		
175	48.4	37.2	55.8
254	11.0	8.5	12.7





#60

Isopropylbenzene

Concen: 24.984 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :

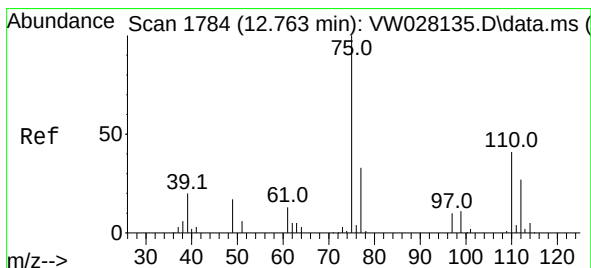
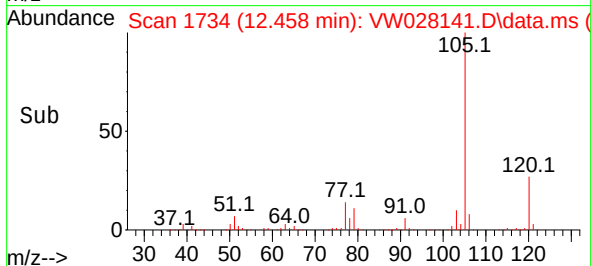
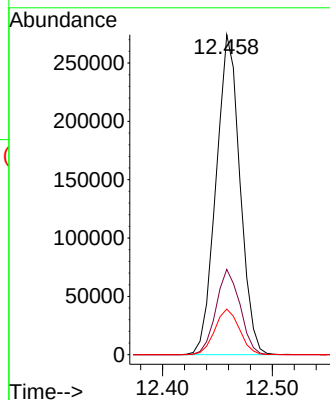
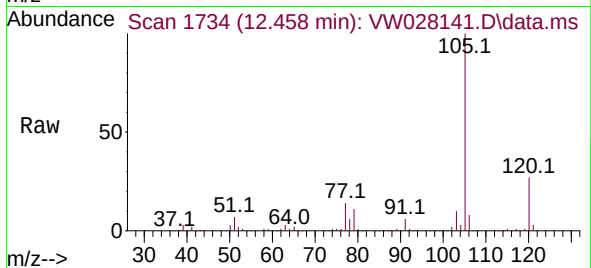
Tgt Ion:105 Resp: 415815

Ion Ratio Lower Upper

105 100

120 26.8 22.2 33.2

77 14.7 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 24.924 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

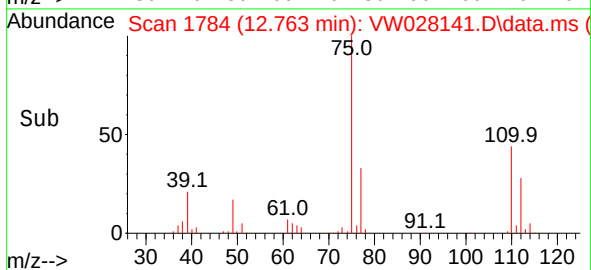
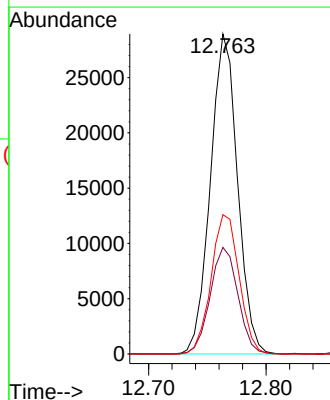
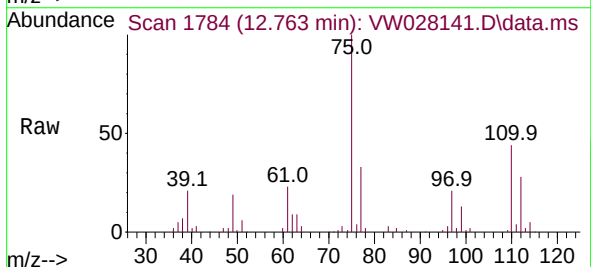
Tgt Ion: 75 Resp: 46481

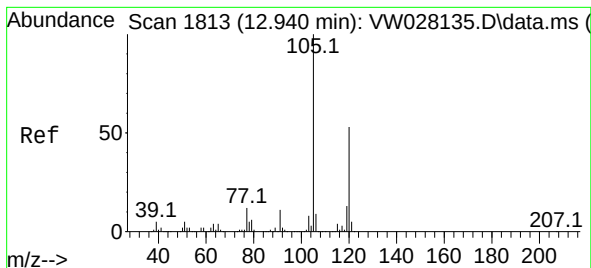
Ion Ratio Lower Upper

75 100

77 34.1 25.9 38.9

110 44.9 34.1 51.1

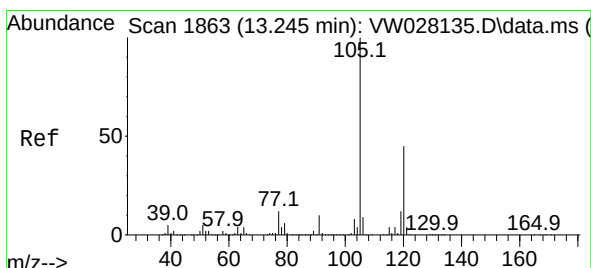
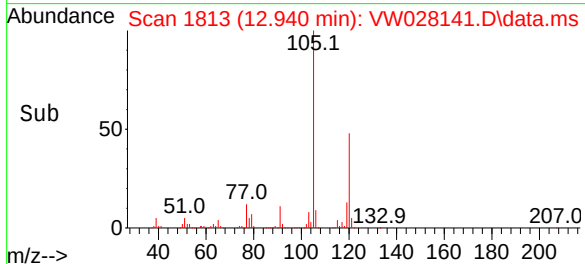
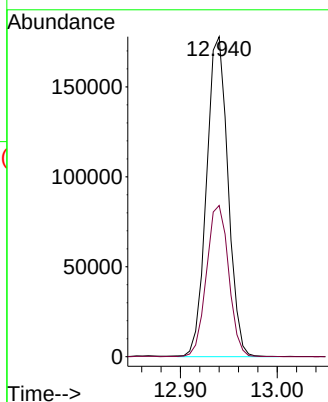
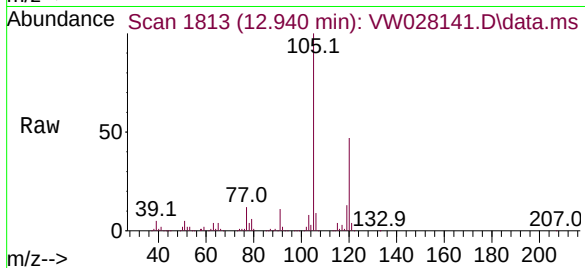




#62
1,3,5-Trimethylbenzene
Concen: 25.232 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

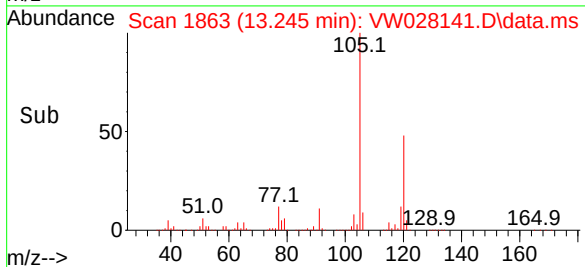
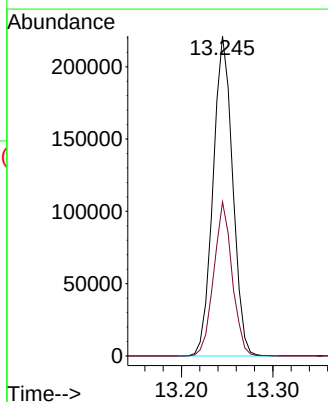
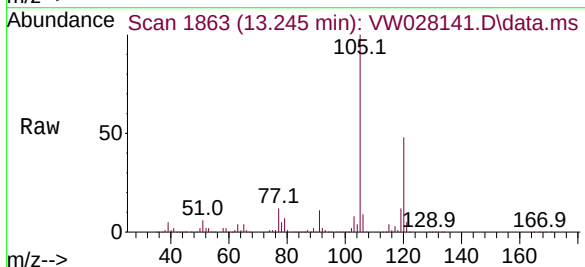
Instrument :
MSVOA_W
ClientSampleId :

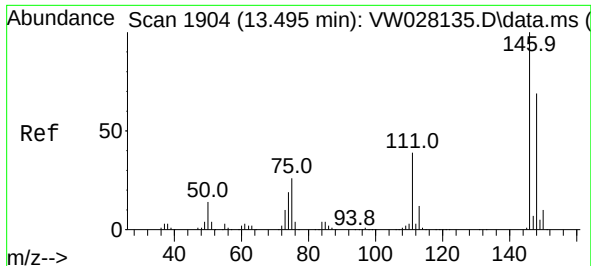
Tgt Ion:105 Resp: 275329
Ion Ratio Lower Upper
105 100
120 48.8 38.6 58.0



#63
1,2,4-Trimethylbenzene
Concen: 25.347 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Tgt Ion:105 Resp: 329830
Ion Ratio Lower Upper
105 100
120 45.2 36.4 54.6

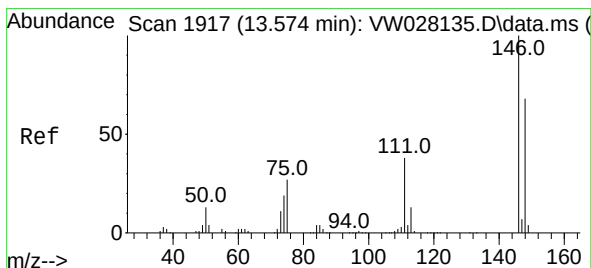
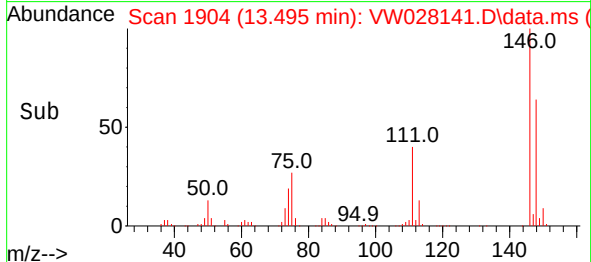
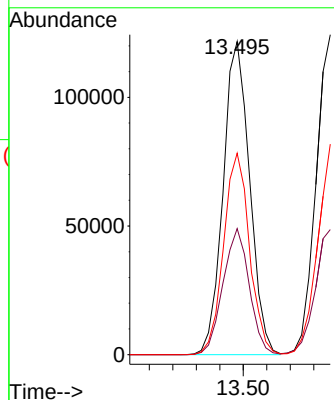
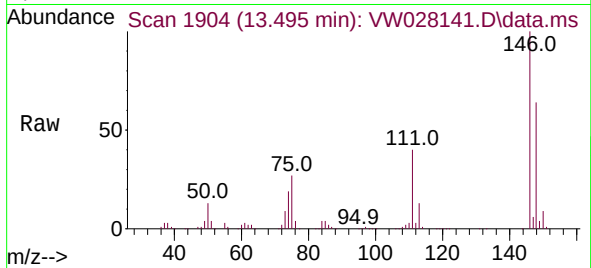




#64
1,3-Dichlorobenzene
Concen: 24.780 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

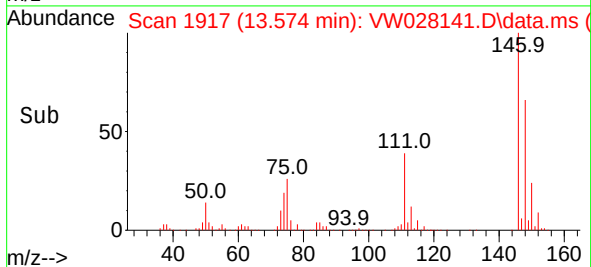
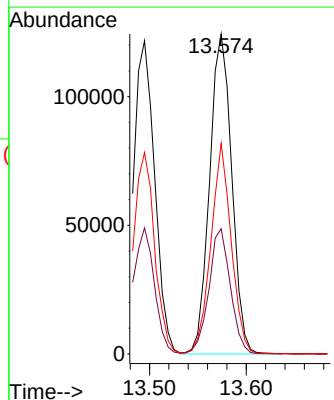
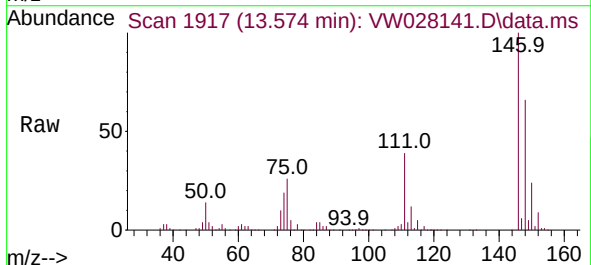
Instrument :
MSVOA_W
ClientSampleId :

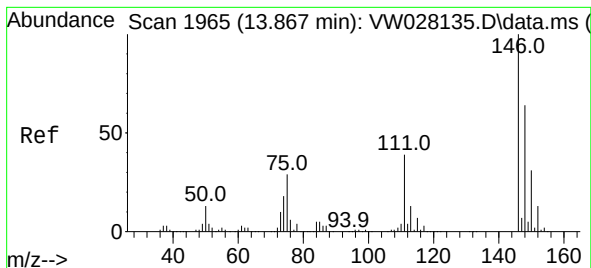
Tgt Ion:146 Resp: 190604
Ion Ratio Lower Upper
146 100
111 40.3 27.9 51.9
148 64.3 38.7 71.9



#65
1,4-Dichlorobenzene
Concen: 25.509 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

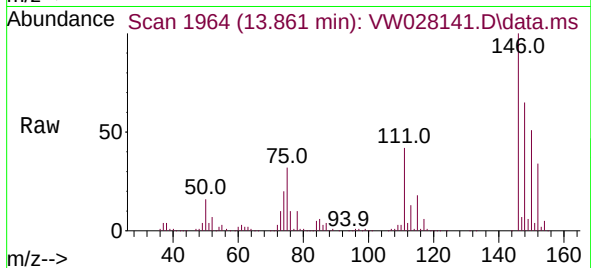
Tgt Ion:146 Resp: 198092
Ion Ratio Lower Upper
146 100
111 39.1 29.3 54.5
148 65.8 47.5 88.1



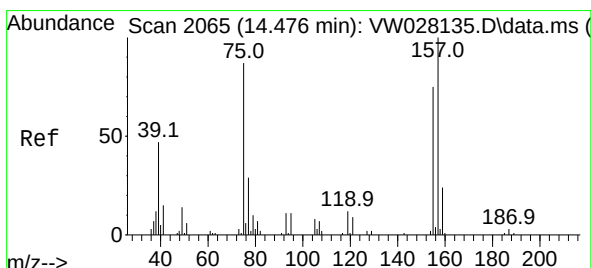
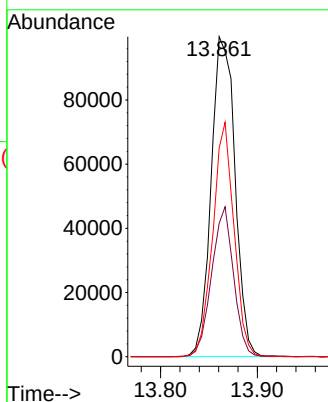
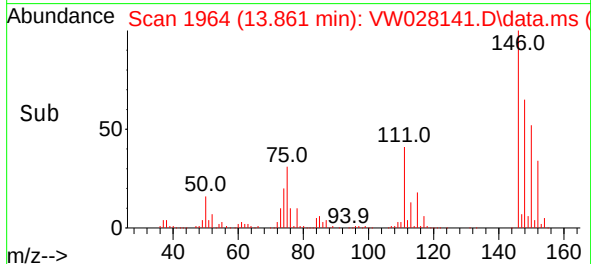


#67
1,2-Dichlorobenzene
Concen: 24.649 ug/L
RT: 13.861 min Scan# 1964
Delta R.T. -0.006 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Instrument :
MSVOA_W
ClientSampleId :

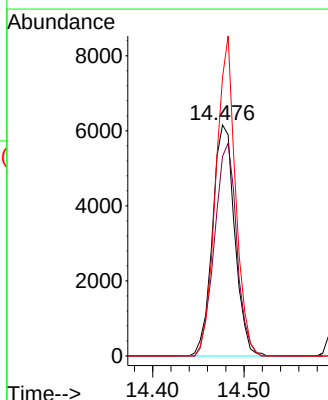
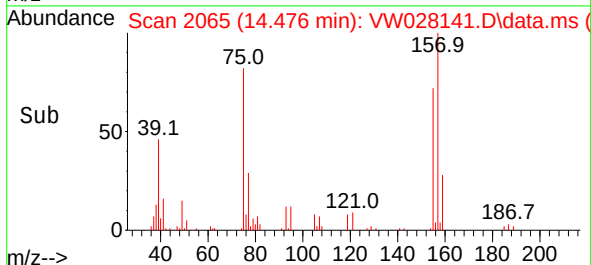
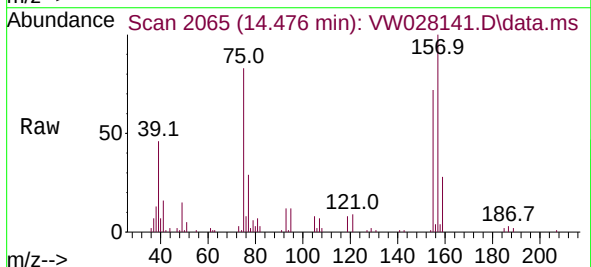


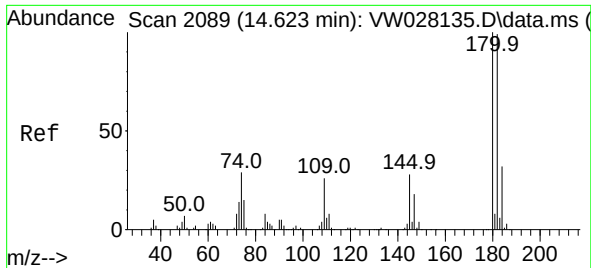
Tgt Ion:146 Resp: 170787
Ion Ratio Lower Upper
146 100
111 41.7 35.4 53.0
148 65.2 55.4 83.2



#68
1,2-Dibromo-3-chloropropane
Concen: 26.511 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Tgt Ion: 75 Resp: 10384
Ion Ratio Lower Upper
75 100
155 86.4 69.3 103.9
157 120.6 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 23.747 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

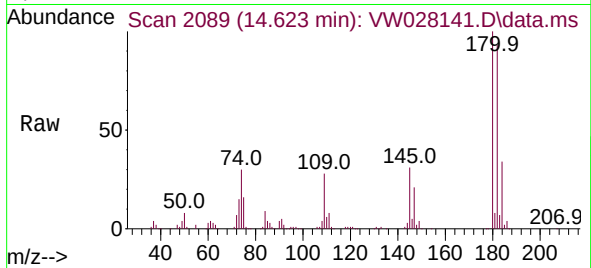
Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 134795

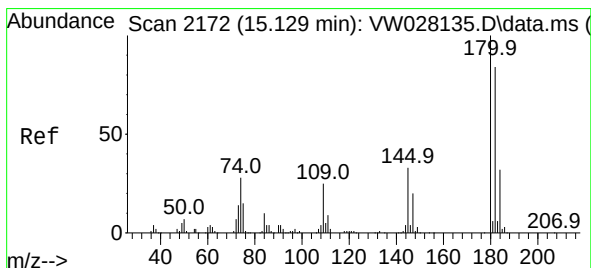
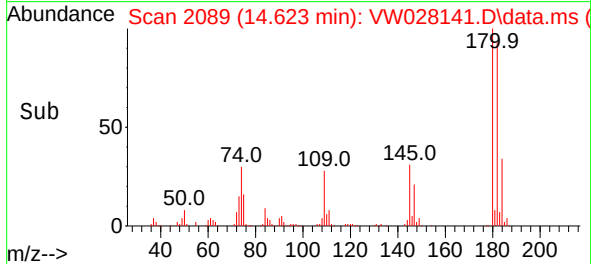
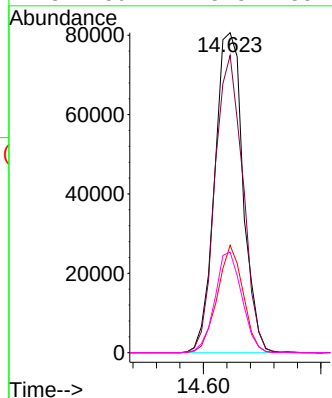
Ion Ratio Lower Upper

180 100

182 91.6 78.2 117.4

184 30.5 25.4 38.2

145 30.1 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 25.293 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028141.D

Acq: 08 Mar 2024 12:08

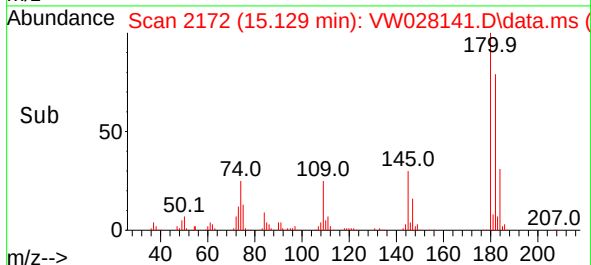
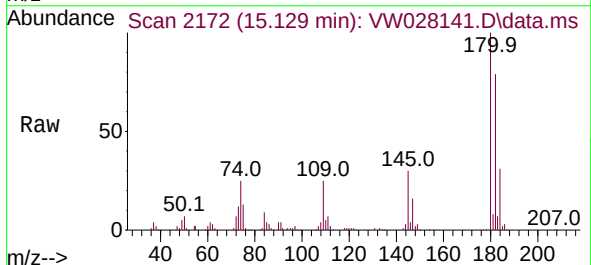
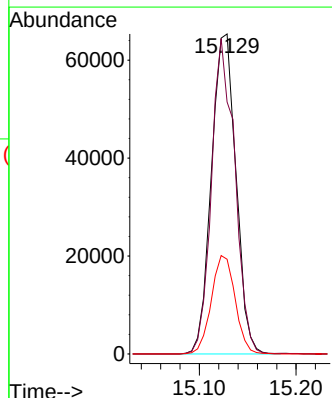
Tgt Ion:180 Resp: 115299

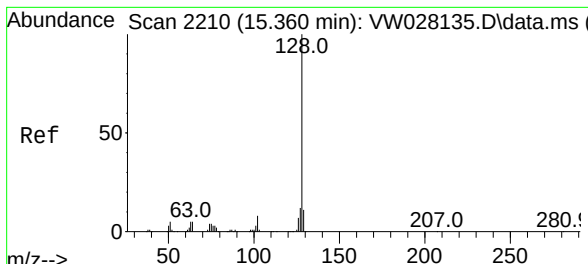
Ion Ratio Lower Upper

180 100

182 93.6 80.1 120.1

145 29.8 24.3 36.5



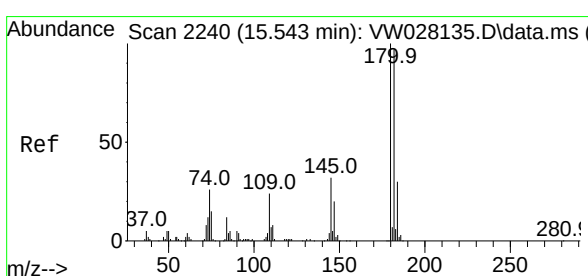
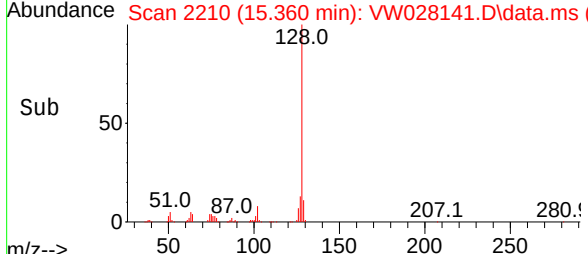
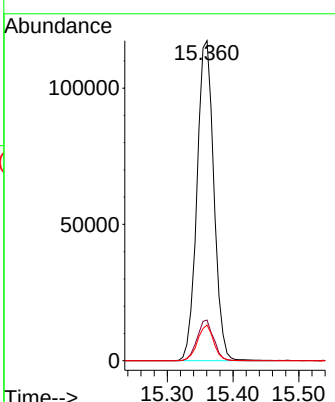
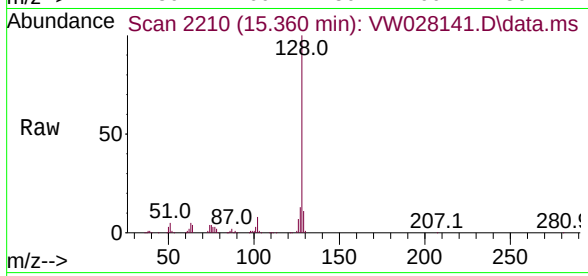


#71
Naphthalene
Concen: 28.053 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 209147

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.4	15.6
129	10.6	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.373 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW028141.D
Acq: 08 Mar 2024 12:08

Tgt Ion:180 Resp: 100536

Ion	Ratio	Lower	Upper
180	100		
182	95.0	81.4	122.2
145	31.0	26.2	39.2

